

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083756.D
 Acq On : 14 Dec 2015 4:10
 Operator : UM/IZ
 Sample : G4731-01
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-STOCKPILE-(0-2)

Quant Time: Dec 14 07:05:10 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

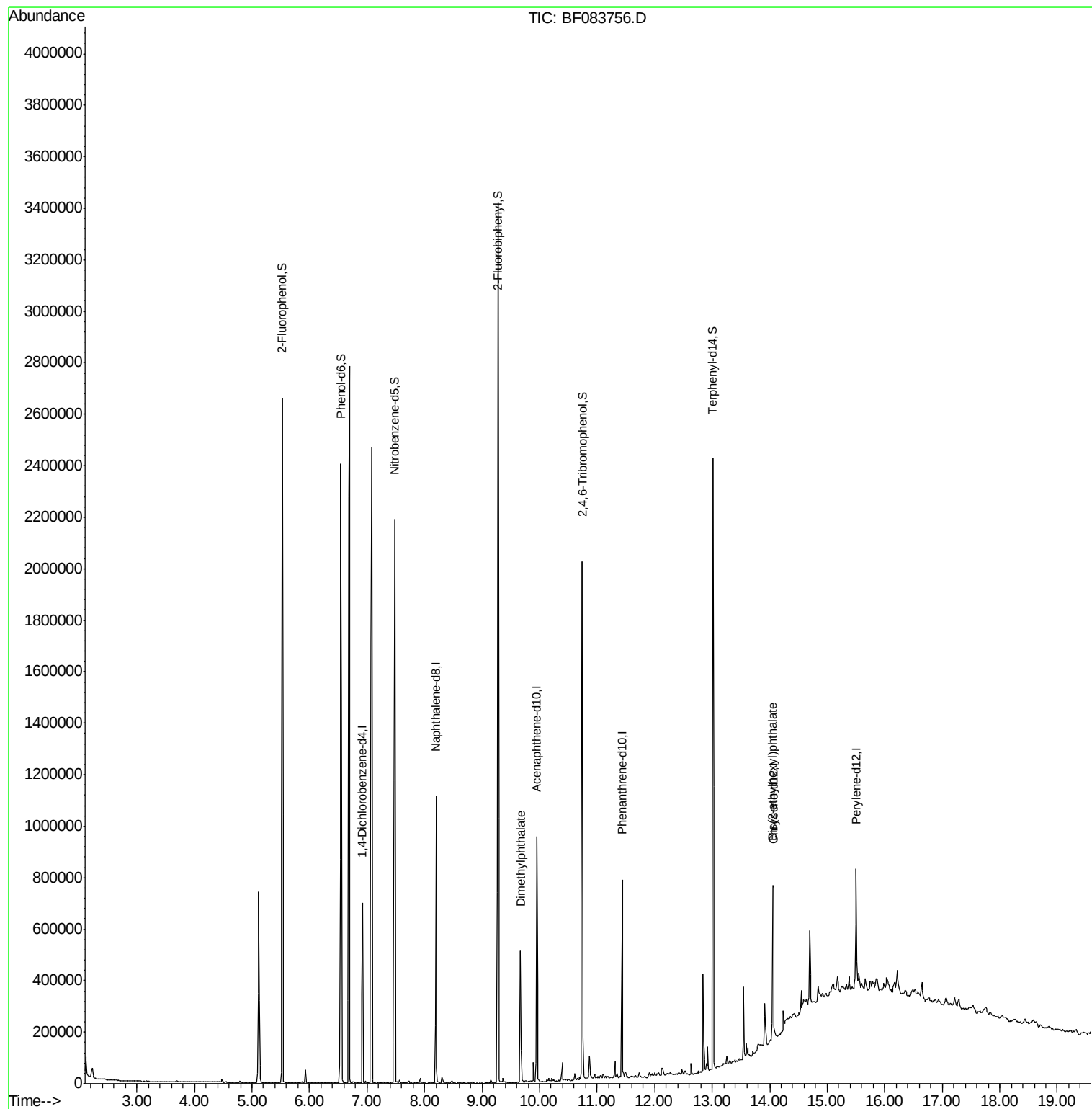
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	124508	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	481113	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	202487	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	316930	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	261290	20.00	ng	-0.01
86) Perylene-d12	15.51	264	216093	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	995260	128.96	ng	0.00
7) Phenol-d6	6.54	99	1275663	130.52	ng	0.00
23) Nitrobenzene-d5	7.48	82	841854	97.90	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	238596	115.64	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	1215359	89.34	ng	-0.01
78) Terphenyl-d14	13.01	244	860184	70.81	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.66	163	206850	13.10	ng	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	48258	4.78	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF083756.D

Acq: 14 Dec 2015 4:10

Instrument :

BNA_F

ClientSampleId :

1-STOCKPILE-(0-2)

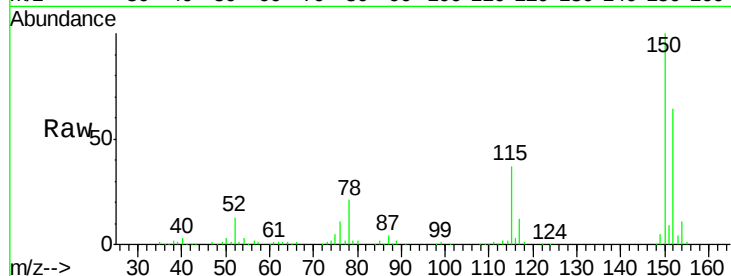
Tot Ion:152 Resp: 124508

Ion Ratio Lower Upper

152 100

150 155.8 126.5 189.7

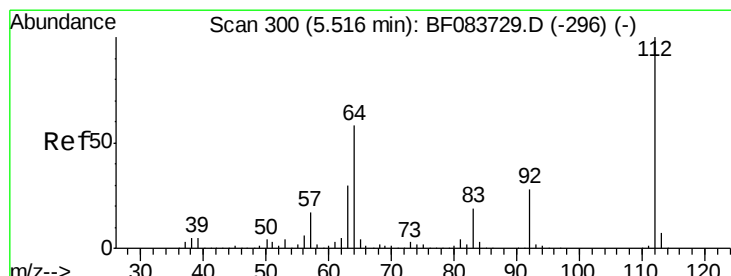
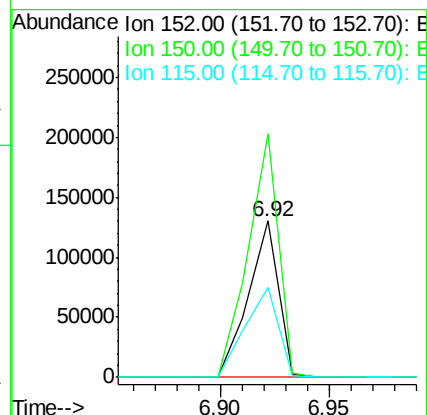
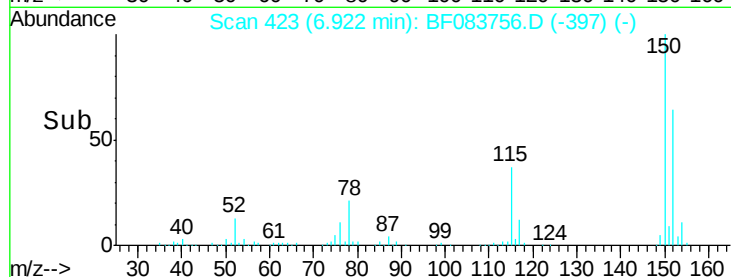
115 57.6 52.3 78.5



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: 128.96 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF083756.D

Acq: 14 Dec 2015 4:10

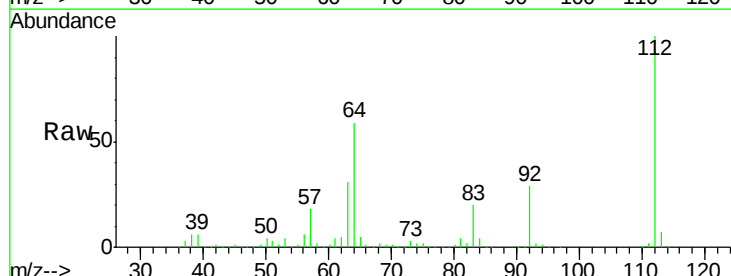
Tgt Ion:112 Resp: 995260

Ion Ratio Lower Upper

112 100

64 59.2 50.5 75.7

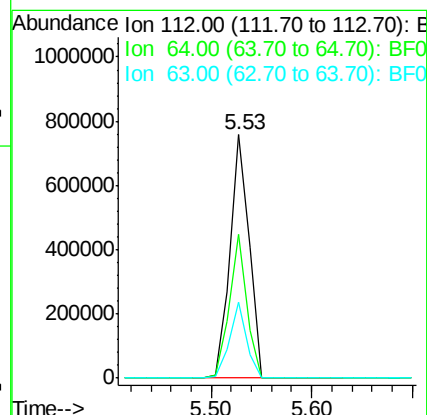
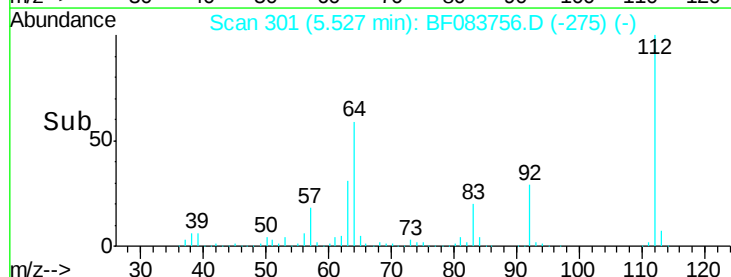
63 31.2 25.8 38.6

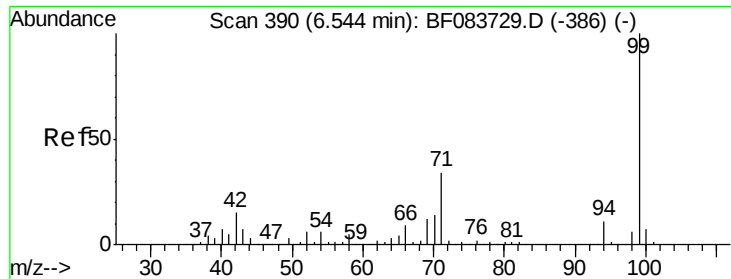


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 130.52 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083756.D

Acq: 14 Dec 2015 4:10

Instrument :

BNA_F

ClientSampleId :

1-STOCKPILE-(0-2)

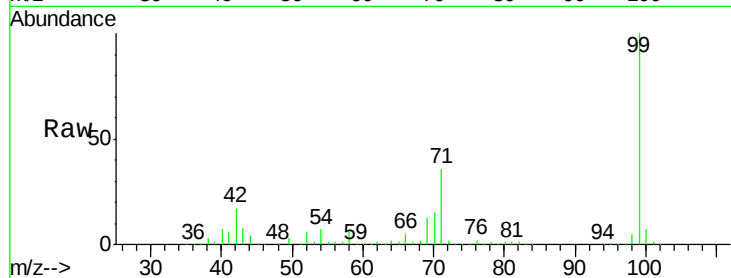
Tot Ion: 99 Resp: 1275663

Ion Ratio Lower Upper

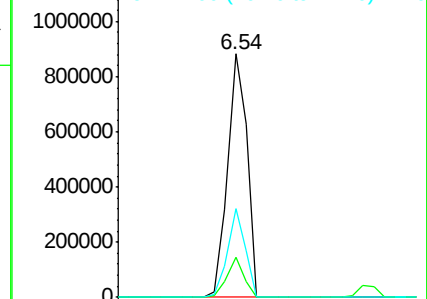
99 100

42 16.6 17.3 25.9#

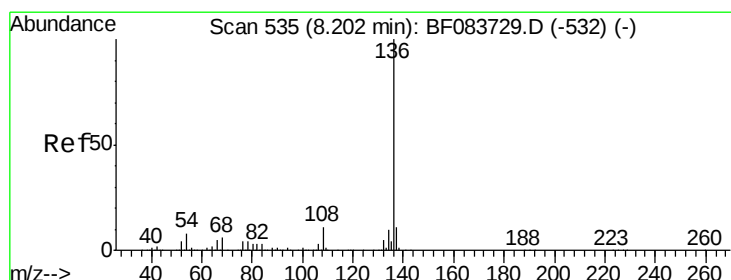
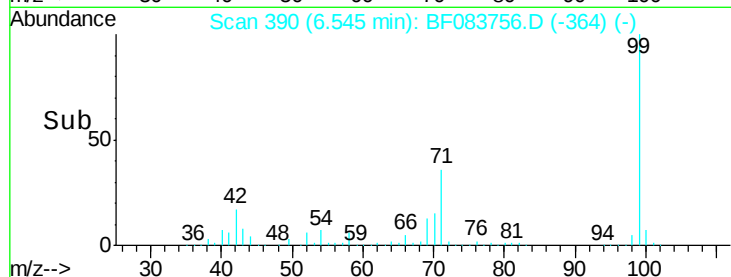
71 36.4 26.6 40.0



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



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF083756.D

Acq: 14 Dec 2015 4:10

Tgt Ion: 136 Resp: 481113

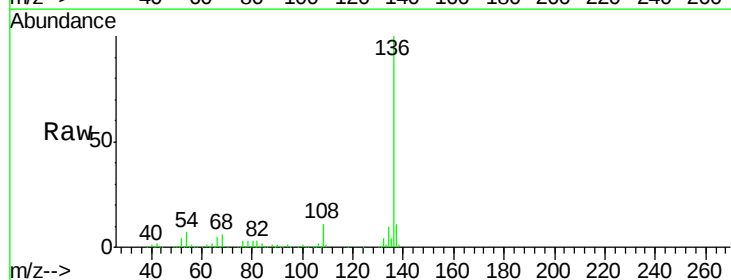
Ion Ratio Lower Upper

136 100

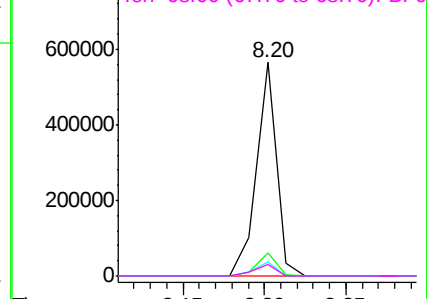
137 11.0 8.7 13.1

54 6.9 7.8 11.6#

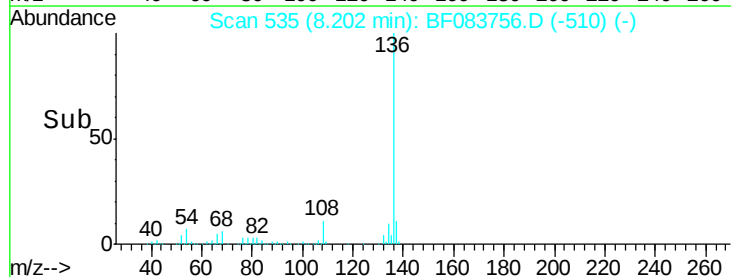
68 5.6 5.7 8.5#

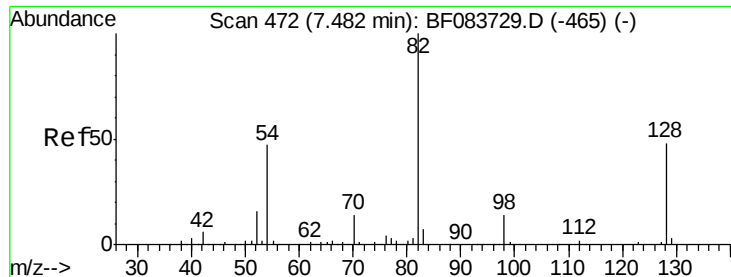


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0



Time-->





#23

Nitrobenzene-d5

Concen: 97.90 ng

RT: 7.48 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF083756.D

Acq: 14 Dec 2015 4:10

Instrument :

BNA_F

ClientSampleId :

1-STOCKPILE-(0-2)

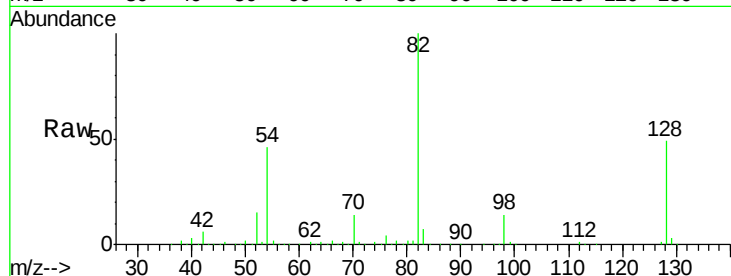
Tot Ion: 82 Resp: 841854

Ion Ratio Lower Upper

82 100

128 49.5 30.7 46.1#

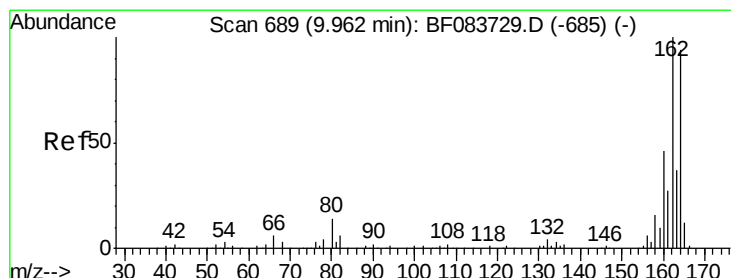
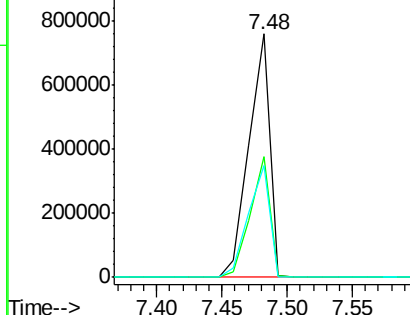
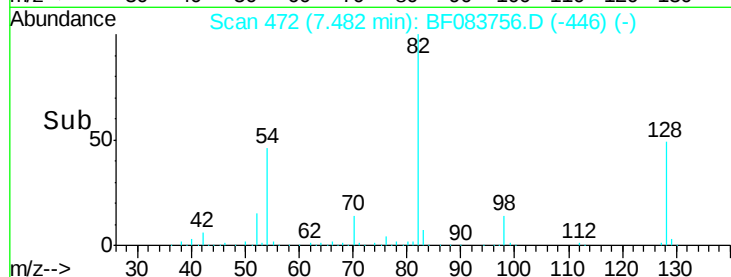
54 45.7 42.5 63.7



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: 9.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF083756.D

Acq: 14 Dec 2015 4:10

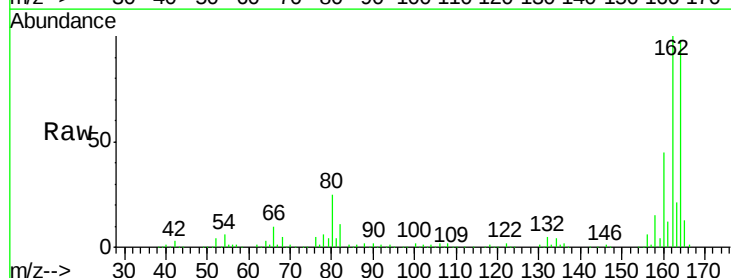
Tgt Ion:164 Resp: 202487

Ion Ratio Lower Upper

164 100

162 102.0 78.8 118.2

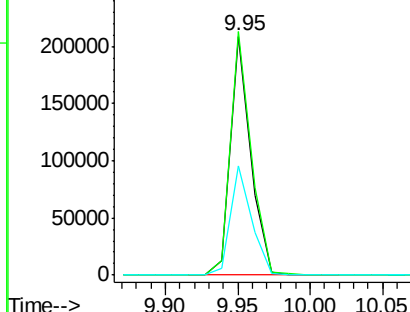
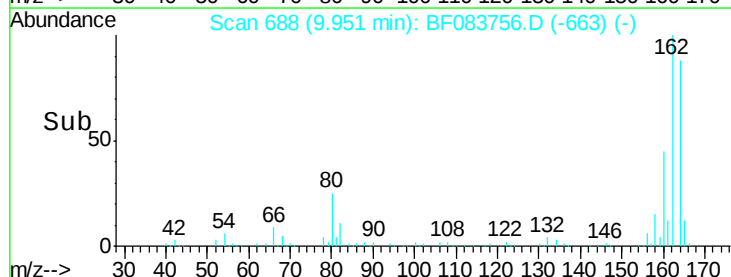
160 45.7 33.4 50.2

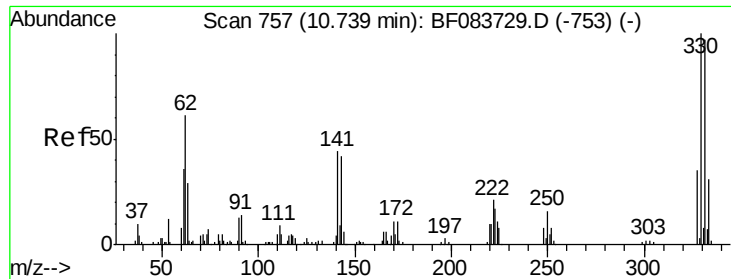


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

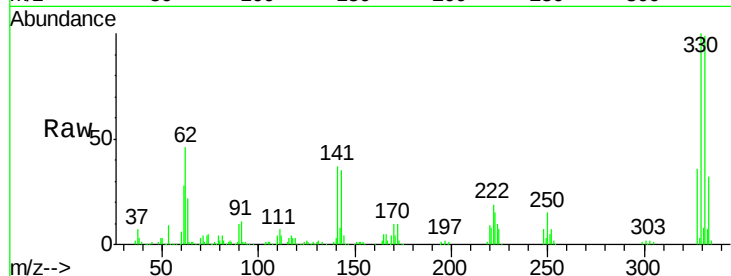




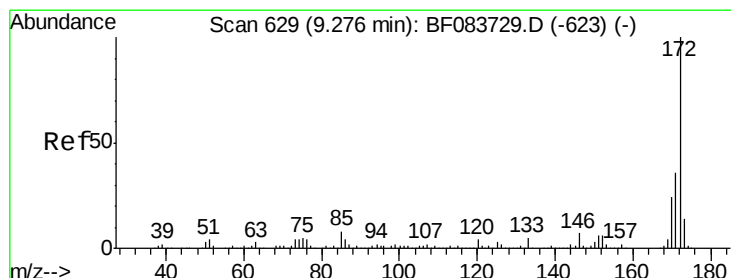
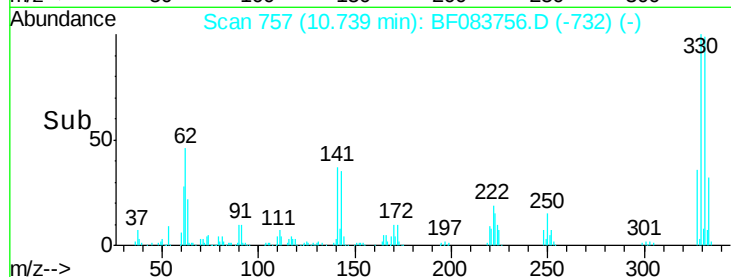
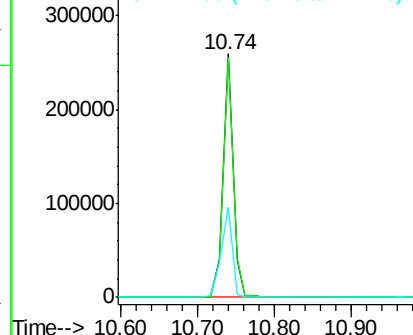
#41
 2,4,6-Tribromophenol
 Concen: 115.64 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF083756.D
 Acq: 14 Dec 2015 4:10

Instrument :
 BNA_F
 ClientSampleId :
 1-STOCKPILE-(0-2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	0.0	0.0#
141	40.5	0.0	0.0#

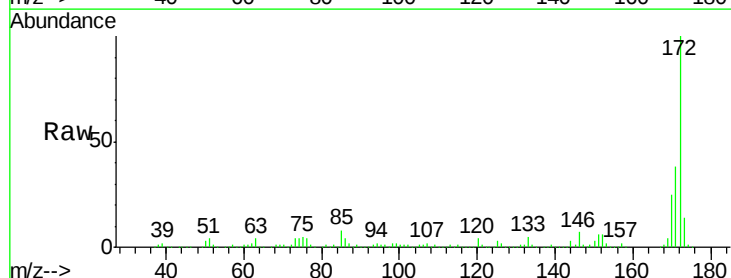


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

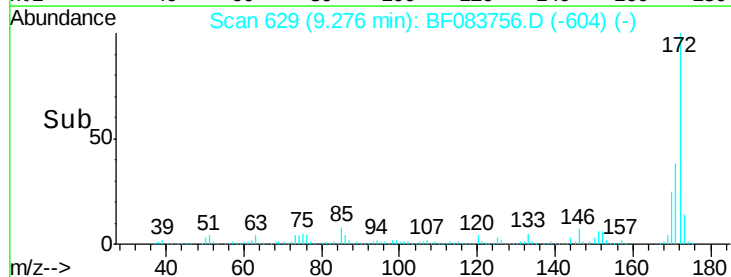
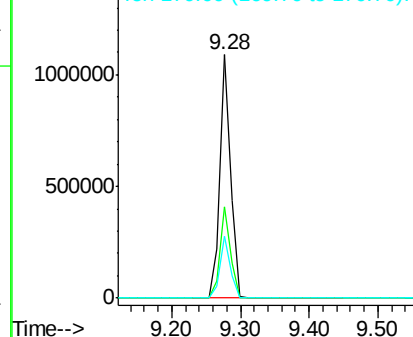


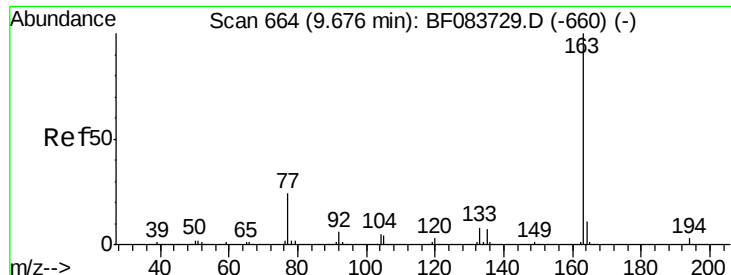
#44
 2-Fluorobiphenyl
 Concen: 89.34 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF083756.D
 Acq: 14 Dec 2015 4:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	28.6	42.8
170	25.3	19.4	29.0



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

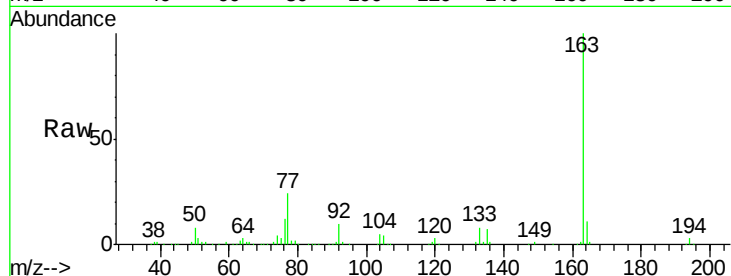




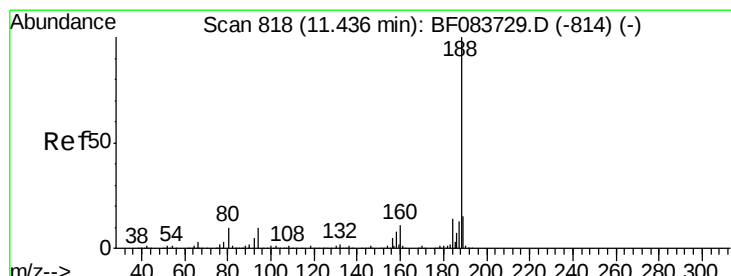
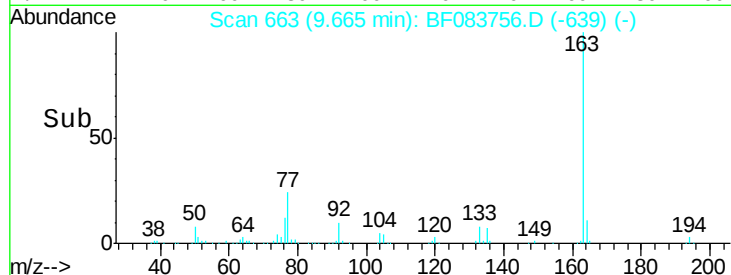
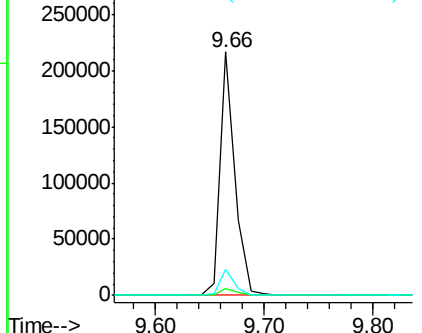
#49
Dimethylphthalate
Concen: 13.10 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.02 min
Lab File: BF083756.D
Acq: 14 Dec 2015 4:10

Instrument :
BNA_F
ClientSampleId :
1-STOCKPILE-(0-2)

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.8	4.2
164	10.6	8.6	13.0

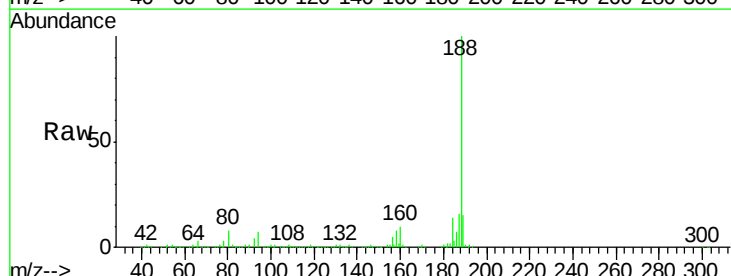


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

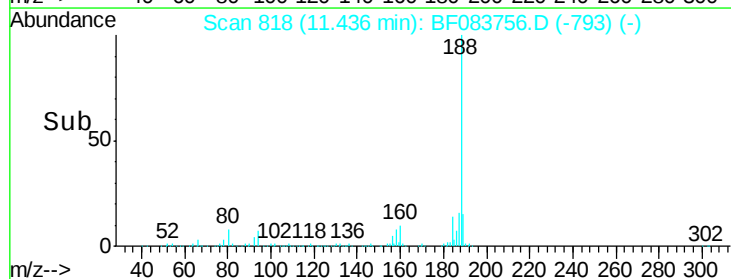
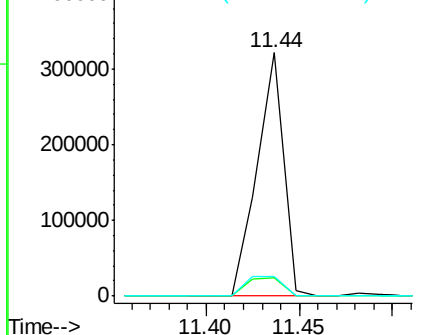


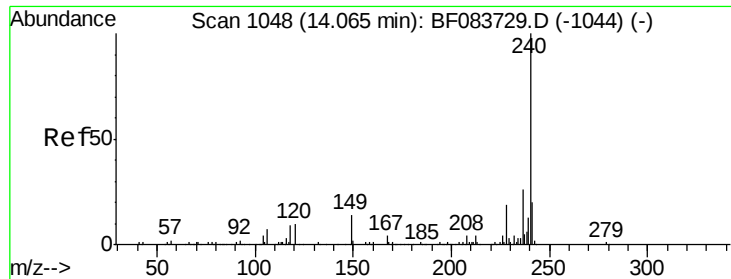
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF083756.D
Acq: 14 Dec 2015 4:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	9.4	14.2#
80	8.2	10.6	16.0#



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: 14.07 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF083756.D

Acq: 14 Dec 2015 4:10

Instrument :

BNA_F

ClientSampleId :

1-STOCKPILE-(0-2)

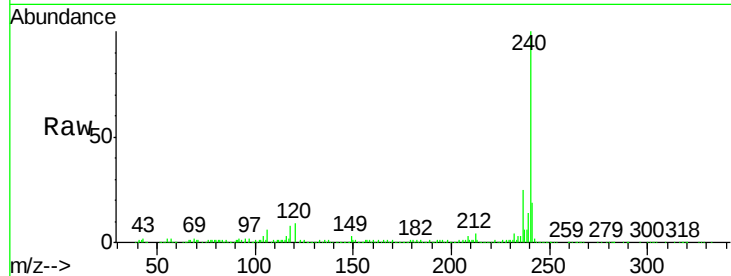
Tot Ion:240 Resp: 261290

Ion Ratio Lower Upper

240 100

120 8.8 8.1 12.1

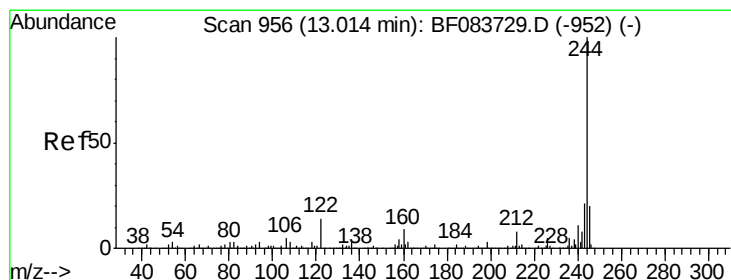
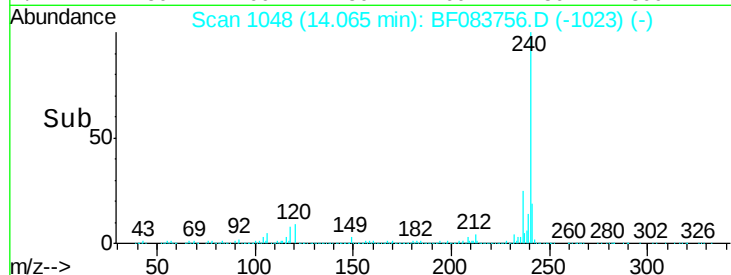
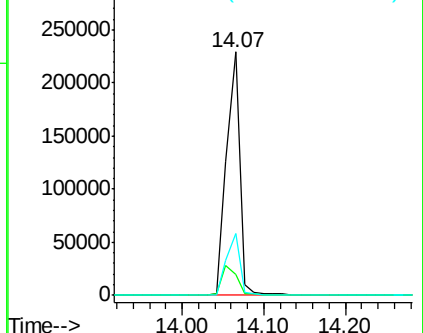
236 25.4 20.8 31.2



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: 70.81 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF083756.D

Acq: 14 Dec 2015 4:10

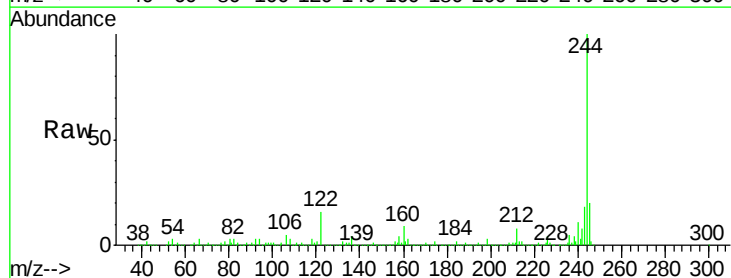
Tgt Ion:244 Resp: 860184

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

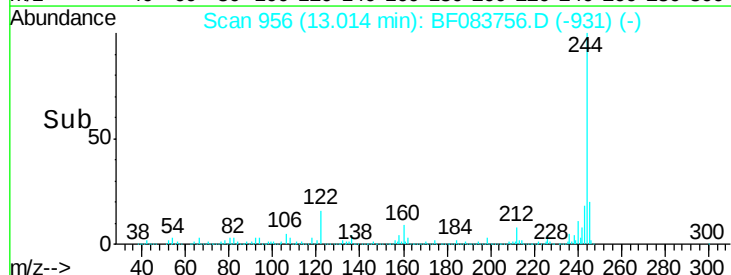
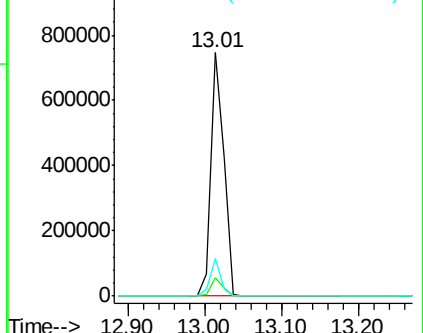
122 15.5 11.0 16.6

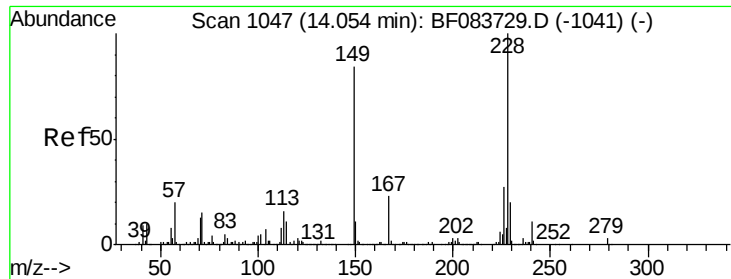


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

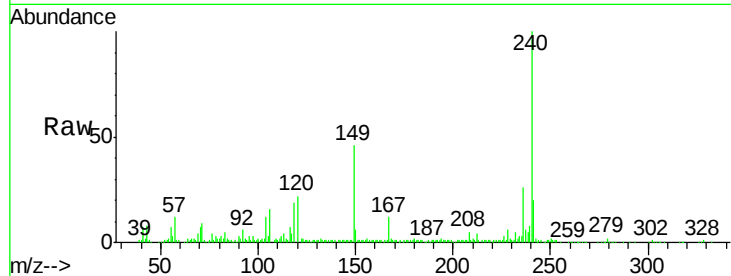




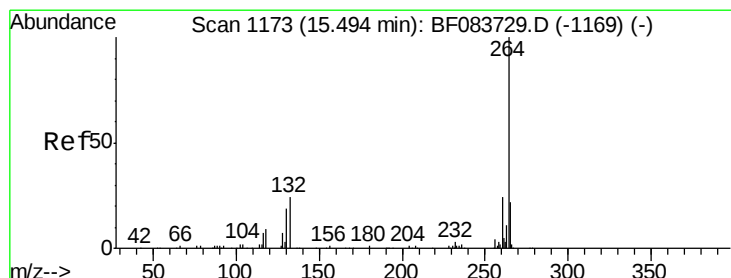
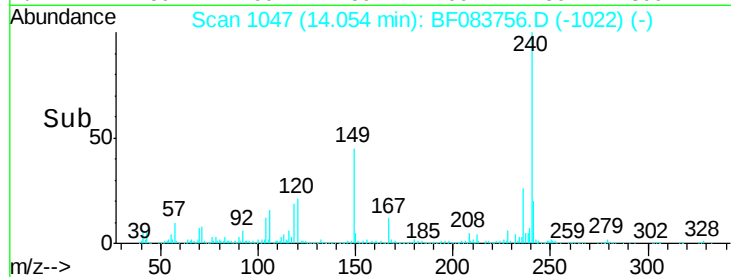
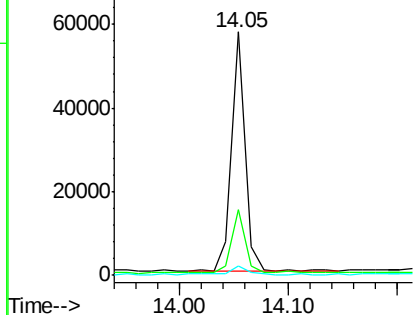
#83
Bis(2-ethylhexyl)phthalate
Concen: 4.78 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF083756.D
Acq: 14 Dec 2015 4:10

Instrument :
BNA_F
ClientSampleId :
1-STOCKPILE-(0-2)

Tot Ion:149 Resp: 48258
Ion Ratio Lower Upper
149 100
167 26.9 21.8 32.8
279 3.7 3.0 4.4

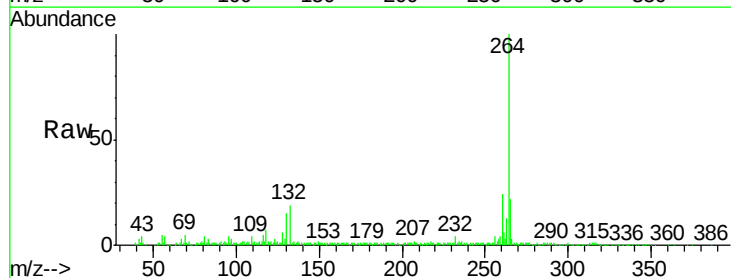


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF083756.D
Acq: 14 Dec 2015 4:10

Tgt Ion:264 Resp: 216093
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.0
265 22.0 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

