

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041417\
 Data File : BF094436.D
 Acq On : 14 Apr 2017 18:51
 Operator : SJ/MA
 Sample : I2678-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 041117-PRRT-E-U-M

Quant Time: Apr 15 01:15:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 14 16:39:08 2017
 Response via : Initial Calibration

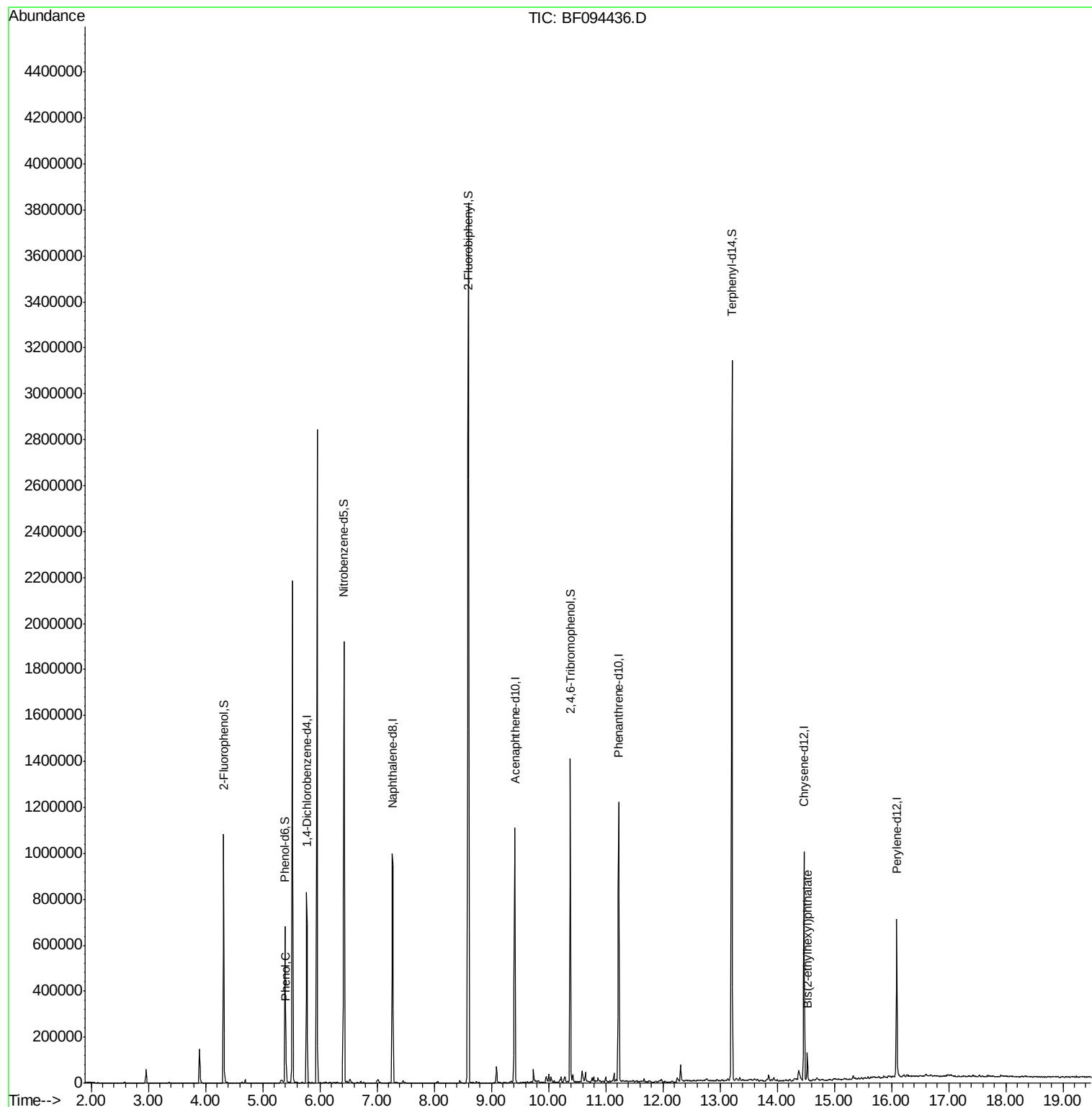
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	134023	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	533635	20.00	ng	0.00
38) Acenaphthene-d10	9.41	164	246864	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	462409	20.00	ng	0.00
75) Chrysene-d12	14.47	240	384531	20.00	ng	0.00
86) Perylene-d12	16.09	264	258140	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	303670	38.27	ng	0.00
7) Phenol-d6	5.39	99	223412	22.76	ng	-0.01
23) Nitrobenzene-d5	6.42	82	792995	84.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.39	330	174501	89.45	ng	0.00
44) 2-Fluorobiphenyl	8.60	172	1453998	89.84	ng	0.00
78) Terphenyl-d14	13.21	244	1216996	70.94	ng	0.00
Target Compounds						
10) Phenol	5.41	94	26555	2.38	ng	88
83) Bis(2-ethylhexyl)phthalate	14.53	149	37500	2.31	ng	# 97

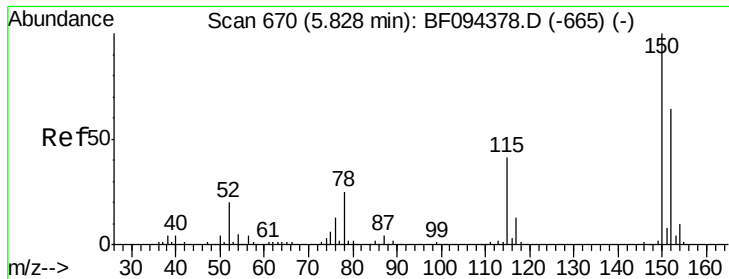
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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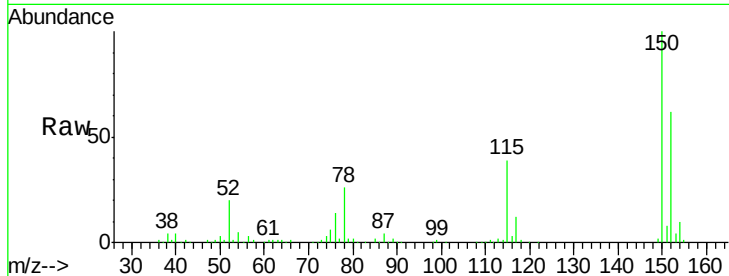


#1

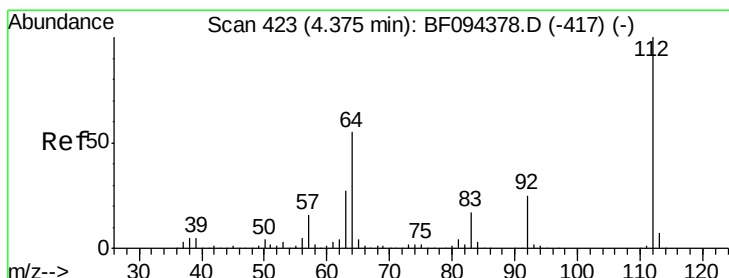
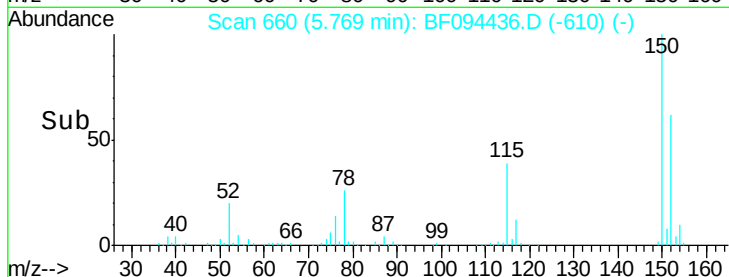
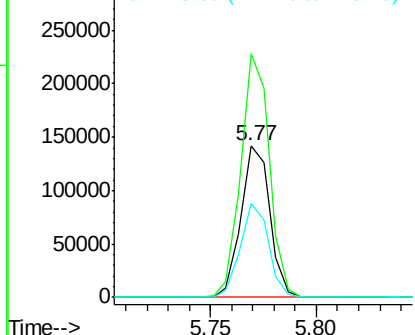
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF094436.D
Acq: 14 Apr 2017 18:51

Instrument :
BNA_F
ClientSampleId :
041117-PRRT-E-U-M

Tot Ion:152 Resp: 134023
Ion Ratio Lower Upper
152 100
150 160.4 126.2 189.2
115 62.2 52.2 78.2



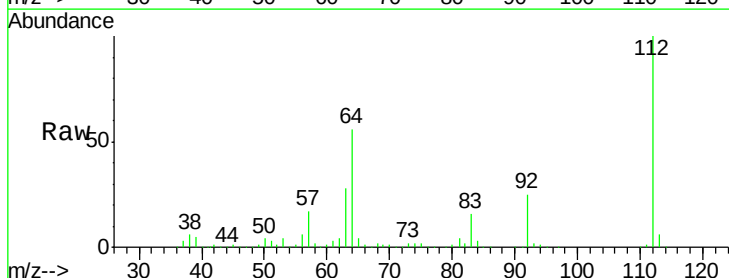
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



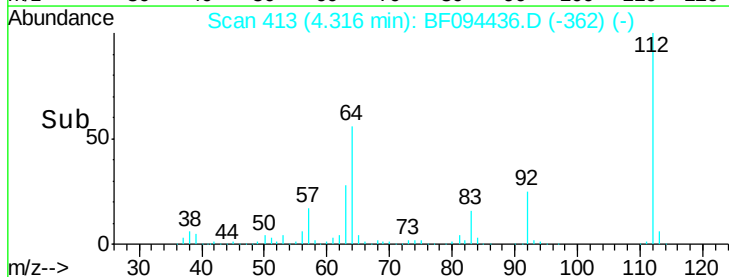
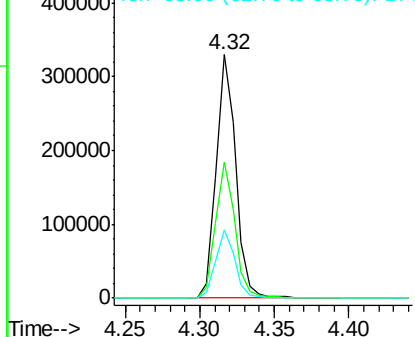
#5

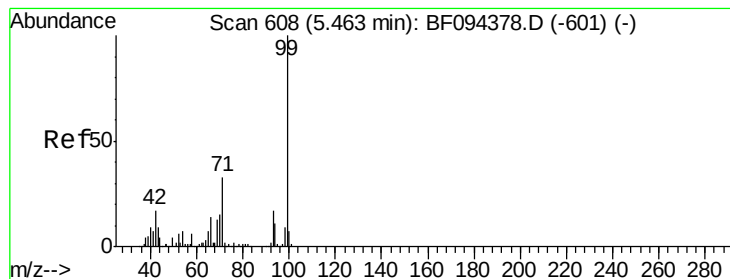
2-Fluorophenol
Concen: 38.27 ng
RT: 4.32 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF094436.D
Acq: 14 Apr 2017 18:51

Tgt Ion:112 Resp: 303670
Ion Ratio Lower Upper
112 100
64 55.9 46.0 69.0
63 28.2 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: 22.76 ng

RT: 5.39 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF094436.D

Acq: 14 Apr 2017 18:51

Instrument :

BNA_F

ClientSampleId :

041117-PRRT-E-U-M

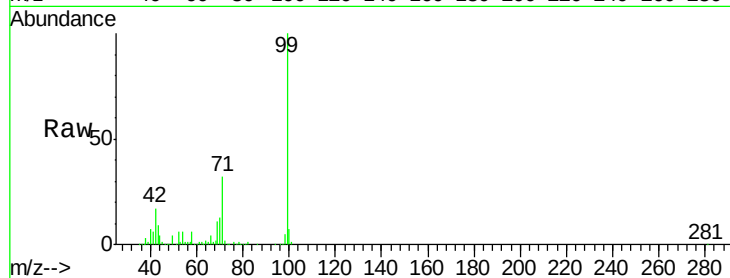
Tot Ion: 99 Resp: 223412

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

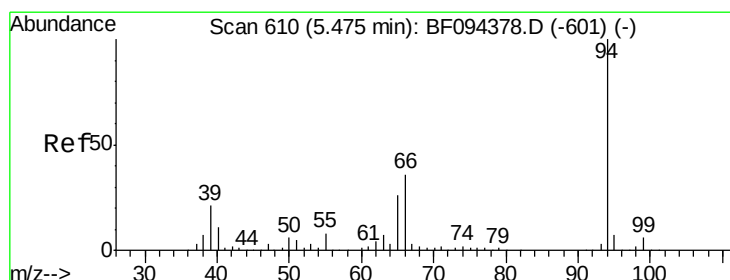
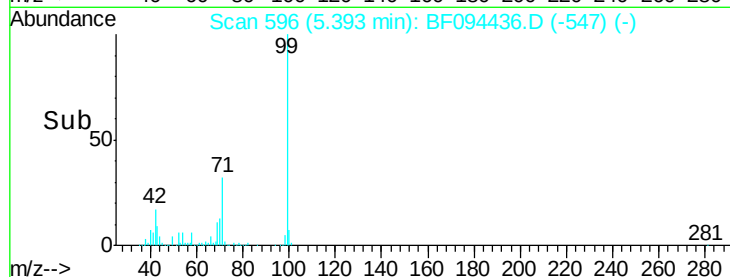
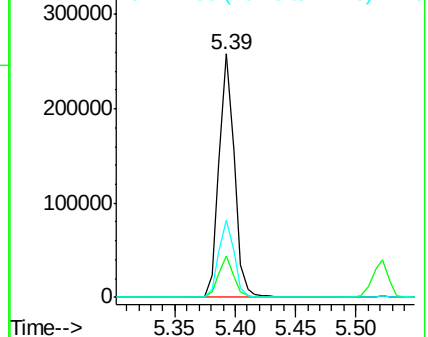
71 31.8 24.5 36.7



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: 2.38 ng

RT: 5.41 min Scan# 599

Delta R.T. -0.01 min

Lab File: BF094436.D

Acq: 14 Apr 2017 18:51

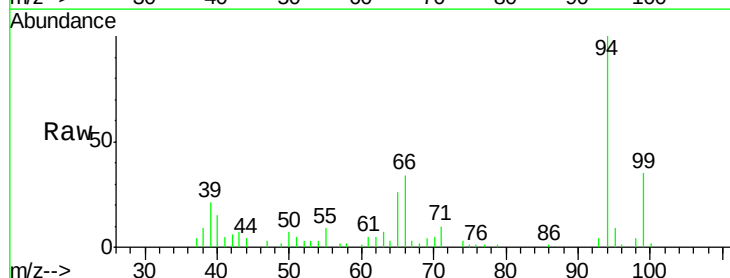
Tgt Ion: 94 Resp: 26555

Ion Ratio Lower Upper

94 100

65 25.6 9.9 49.9

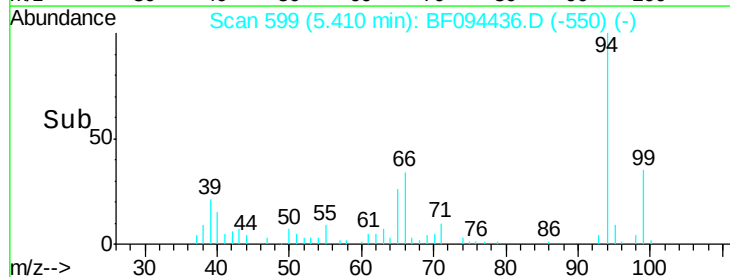
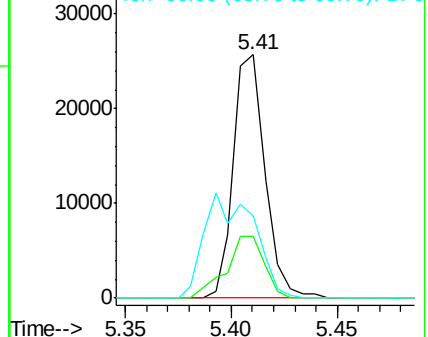
66 33.8 23.1 63.1

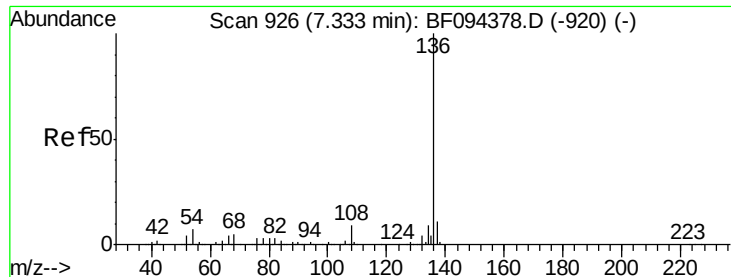


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 7.27 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF094436.D

Acq: 14 Apr 2017 18:51

Instrument :

BNA_F

ClientSampleId :

041117-PRRT-E-U-M

Tot Ion:136 Resp: 533635

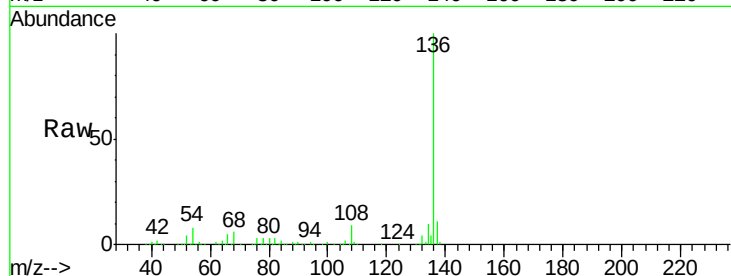
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.9 4.9 7.3#

68 6.0 4.1 6.1

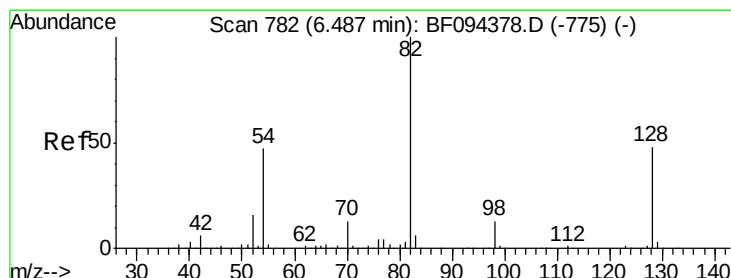
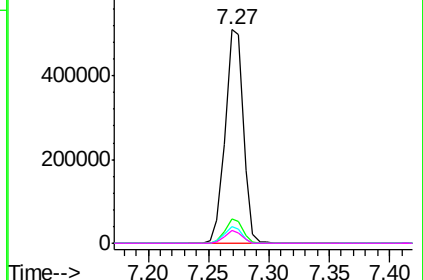
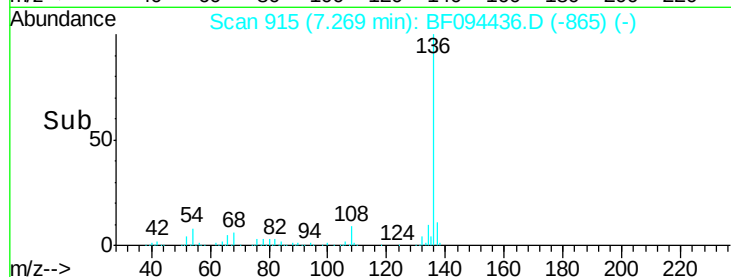


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.81 ng

RT: 6.42 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF094436.D

Acq: 14 Apr 2017 18:51

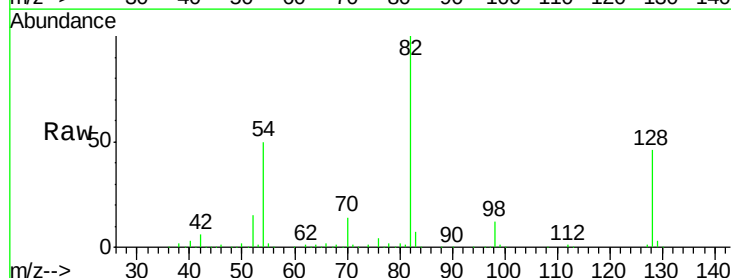
Tgt Ion: 82 Resp: 792995

Ion Ratio Lower Upper

82 100

128 45.8 34.0 51.0

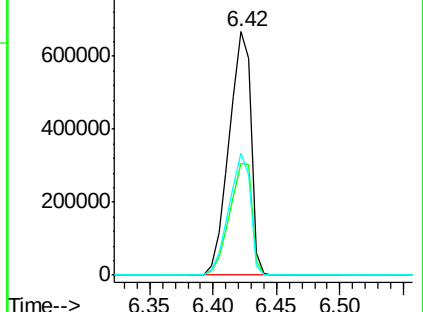
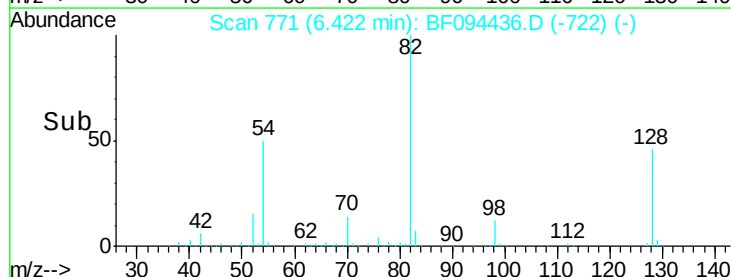
54 50.1 42.2 63.2

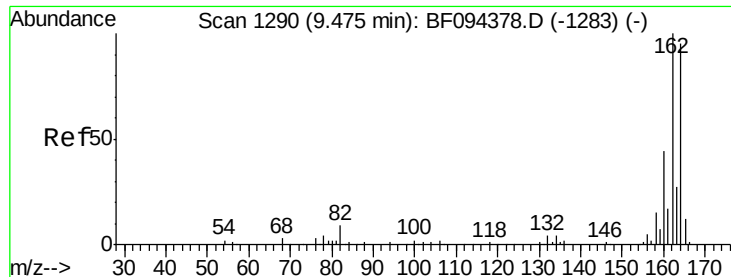


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.41 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF094436.D

Acq: 14 Apr 2017 18:51

Instrument :

BNA_F

ClientSampleId :

041117-PRRT-E-U-M

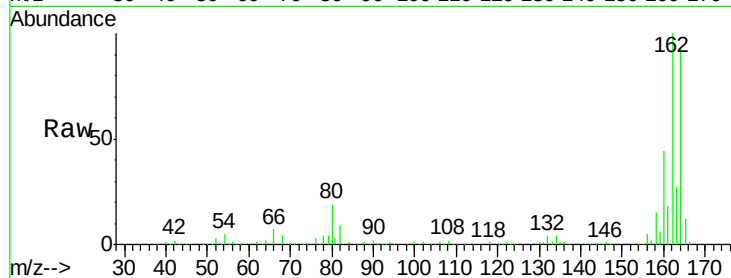
Tot Ion:164 Resp: 246864

Ion Ratio Lower Upper

164 100

162 107.5 82.6 123.8

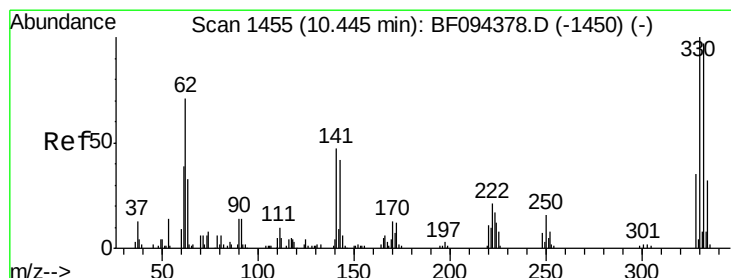
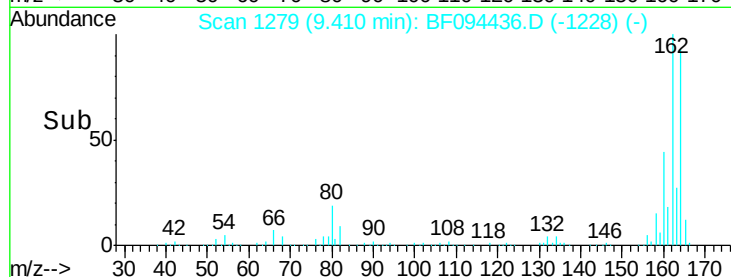
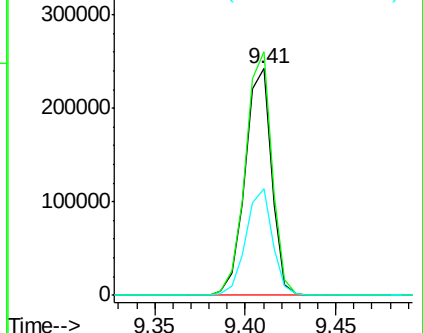
160 47.3 36.2 54.2



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: 89.45 ng

RT: 10.39 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF094436.D

Acq: 14 Apr 2017 18:51

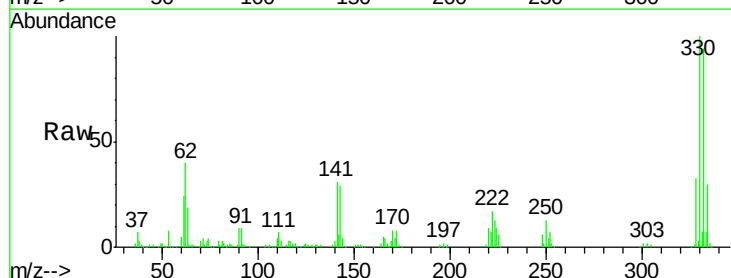
Tgt Ion:330 Resp: 174501

Ion Ratio Lower Upper

330 100

332 96.5 76.6 115.0

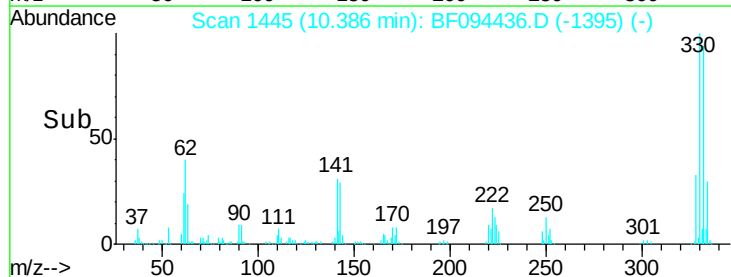
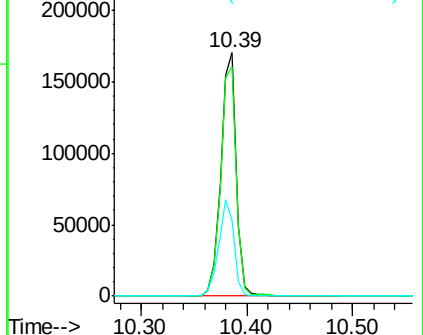
141 39.9 31.4 47.2

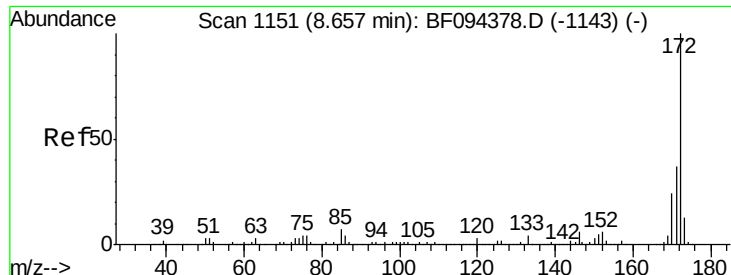


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



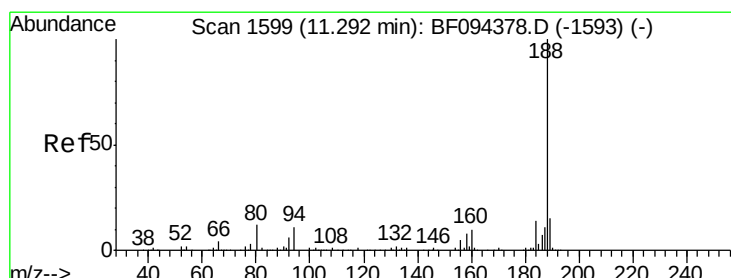
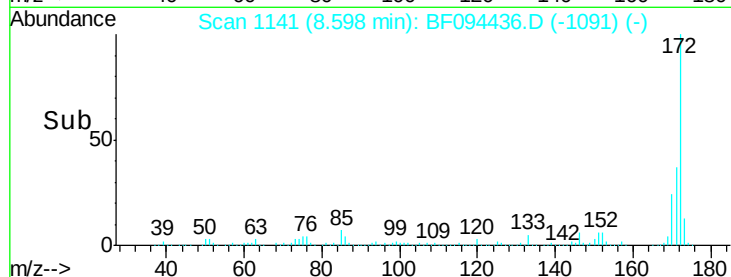
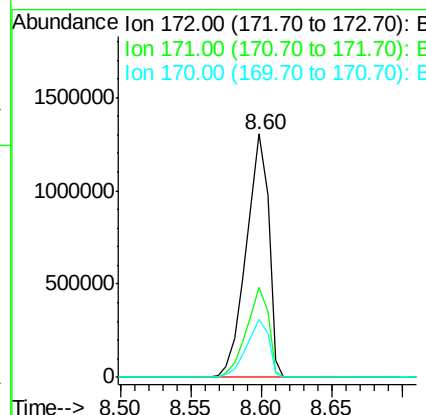
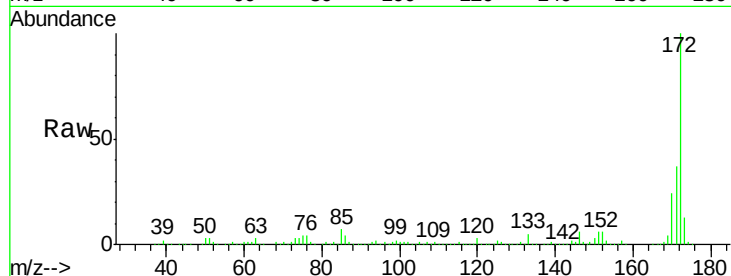


#44
2-Fluorobiphenyl
Concen: 89.84 ng
RT: 8.60 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF094436.D
Acq: 14 Apr 2017 18:51

Instrument :
BNA_F
ClientSampleId :
041117-PRRT-E-U-M

Tot Ion:172 Resp: 1453998

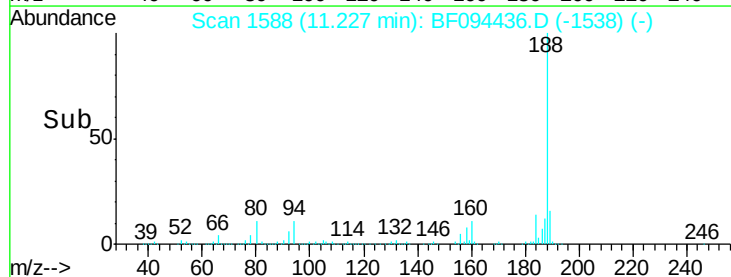
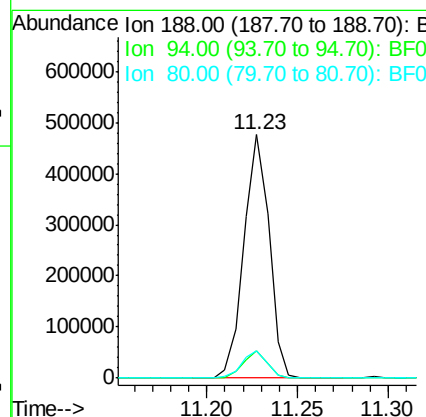
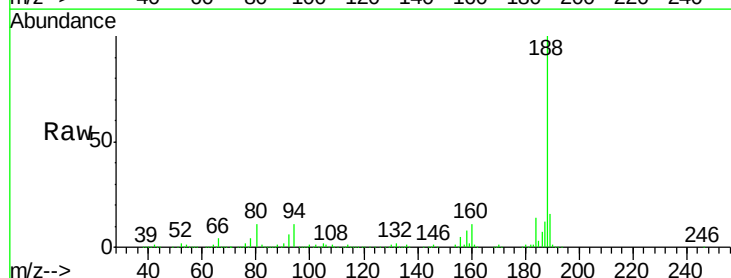
Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	23.8	19.8	29.8

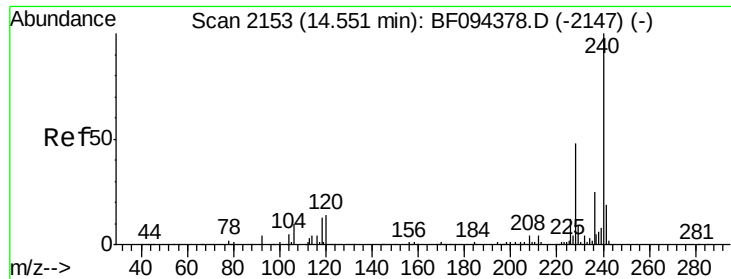


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF094436.D
Acq: 14 Apr 2017 18:51

Tgt Ion:188 Resp: 462409

Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.4	14.2
80	11.3	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BF094436.D

Acq: 14 Apr 2017 18:51

Instrument :

BNA_F

ClientSampleId :

041117-PRRT-E-U-M

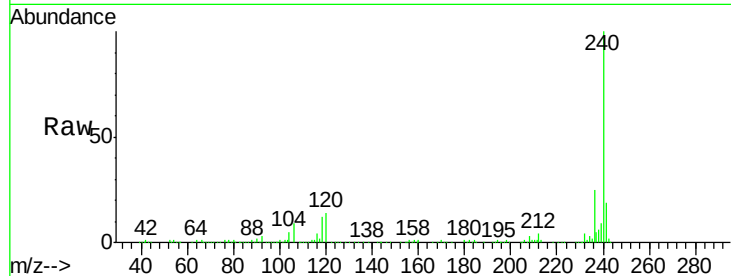
Tot Ion:240 Resp: 384531

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

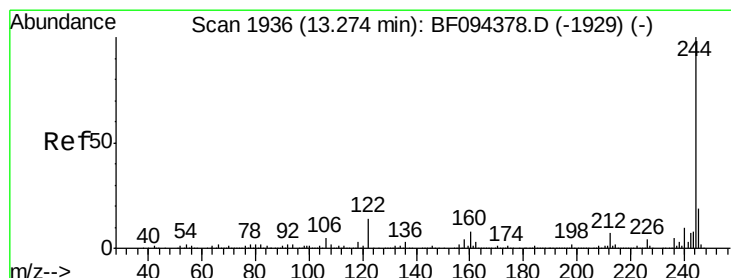
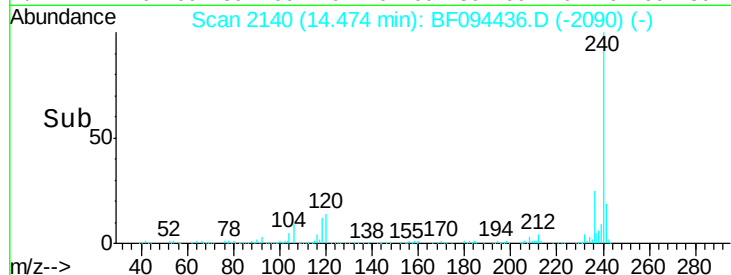
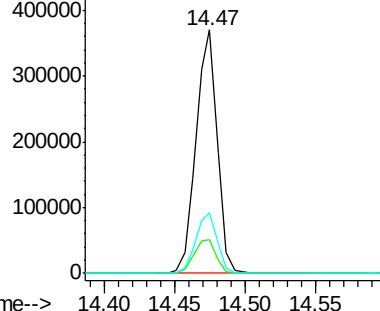
236 25.0 20.5 30.7



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: 70.94 ng

RT: 13.21 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BF094436.D

Acq: 14 Apr 2017 18:51

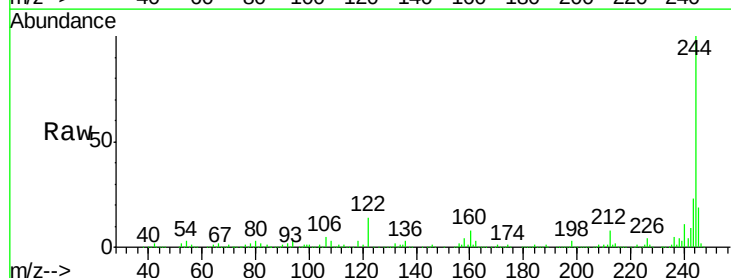
Tgt Ion:244 Resp: 1216996

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

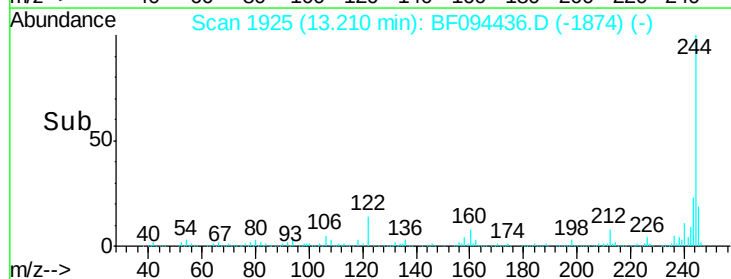
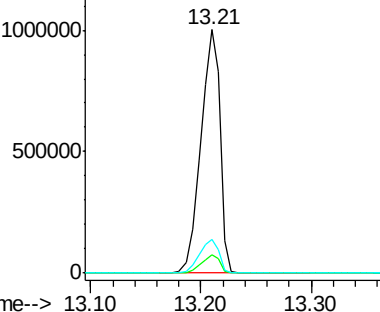
122 13.9 10.3 15.5

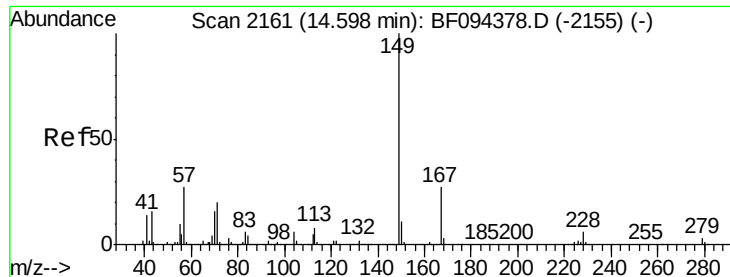


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

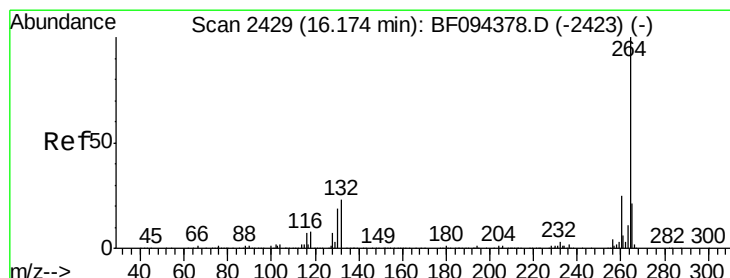
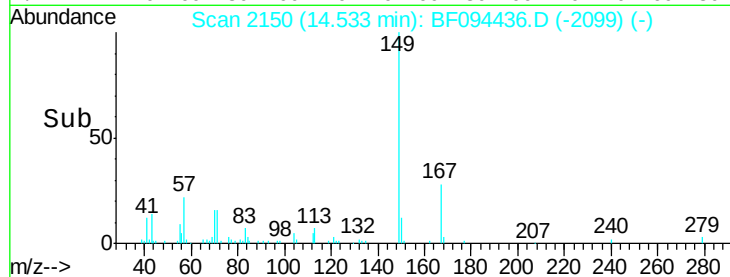
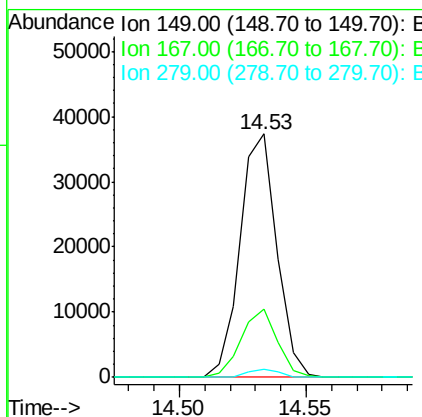
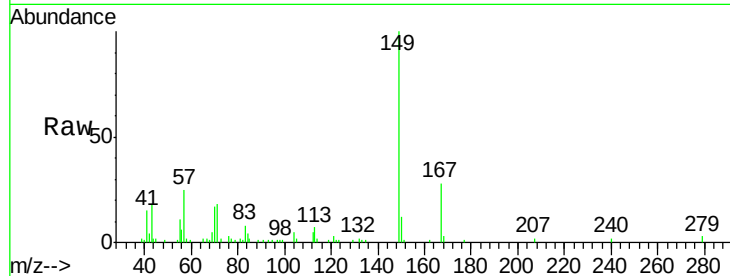




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.31 ng
 RT: 14.53 min Scan# 2150
 Delta R.T. 0.00 min
 Lab File: BF094436.D
 Acq: 14 Apr 2017 18:51

Instrument :
 BNA_F
 ClientSampleId :
 041117-PRRT-E-U-M

Tot Ion	149	Resp	37500
Ion Ratio	100	Lower	Upper
167	27.9	21.0	31.4
279	3.1	1.9	2.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BF094436.D
 Acq: 14 Apr 2017 18:51

Tgt Ion	264	Resp	258140
Ion Ratio	100	Lower	Upper
260	23.0	19.5	29.3
265	21.6	17.2	25.8

