

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
 Data File : BF078463.D
 Acq On : 13 Apr 2015 16:41
 Operator : TP/IZ
 Sample : G1787-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD05A

Quant Time: Apr 14 01:22:06 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 01:02:55 2015
 Response via : Initial Calibration

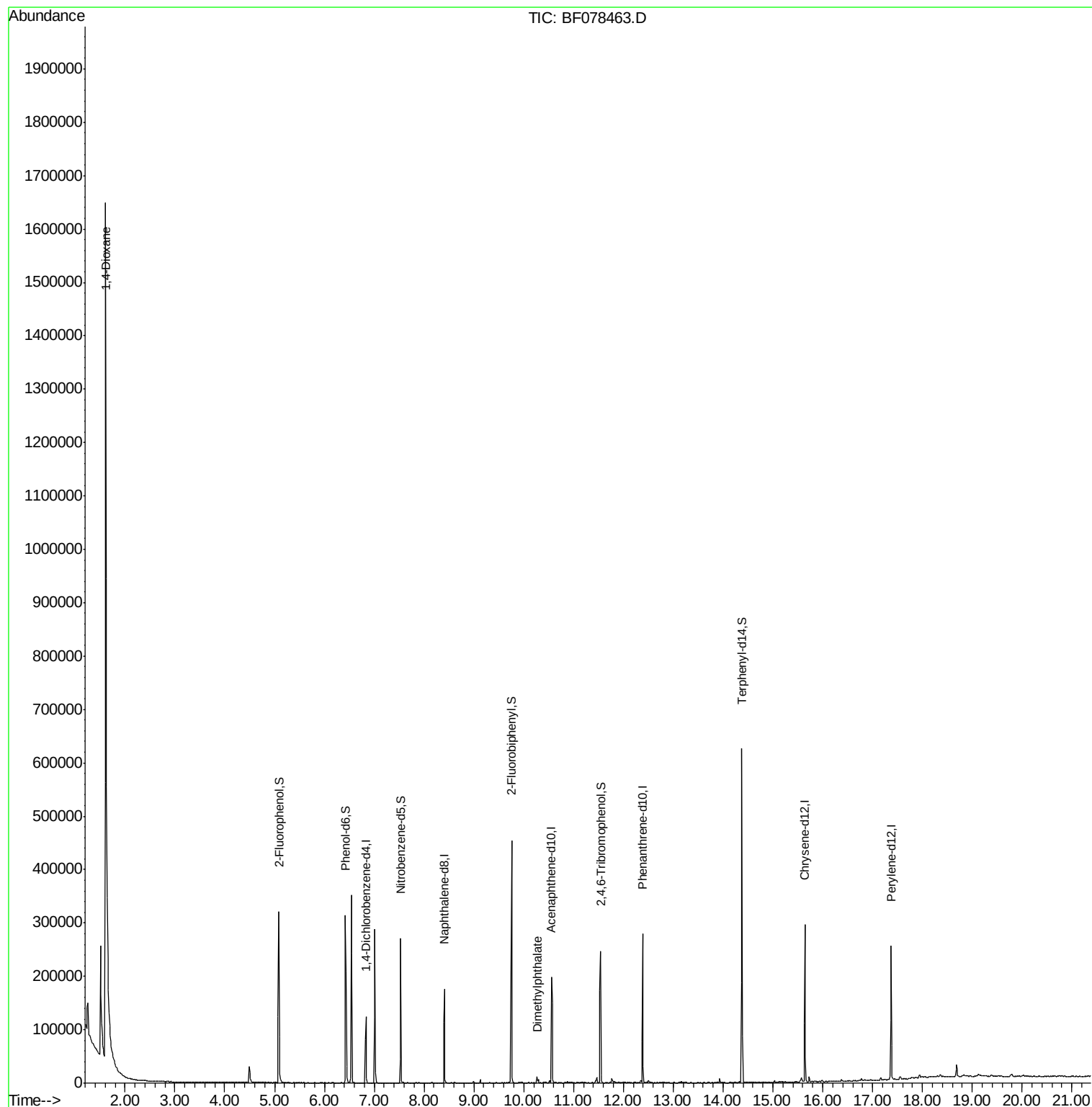
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	26577	20.00	ng	0.00
21) Naphthalene-d8	8.41	136	105997	20.00	ng	0.00
38) Acenaphthene-d10	10.56	164	53498	20.00	ng	-0.01
63) Phenanthrene-d10	12.39	188	111382	20.00	ng	0.00
75) Chrysene-d12	15.65	240	122677	20.00	ng	-0.01
86) Perylene-d12	17.37	264	116127	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	119621	74.21	ng	0.00
7) Phenol-d6	6.42	99	148225	73.37	ng	-0.01
23) Nitrobenzene-d5	7.53	82	86525	49.48	ng	-0.01
41) 2,4,6-Tribromophenol	11.54	330	37549	84.63	ng	0.00
44) 2-Fluorobiphenyl	9.76	172	176344	47.12	ng	0.00
78) Terphenyl-d14	14.38	244	230465	42.45	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.61	88	70835	97.18	ng	# 23
49) Dimethylphthalate	10.27	163	8087	2.01	ng	# 95

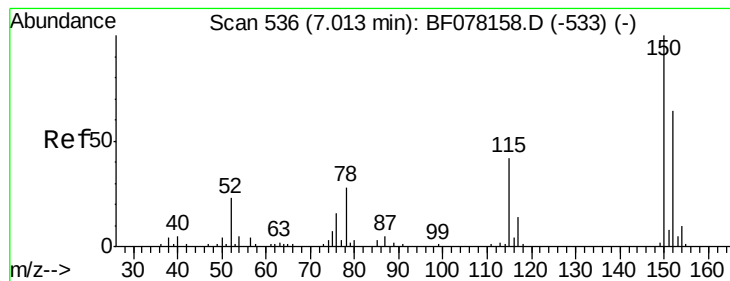
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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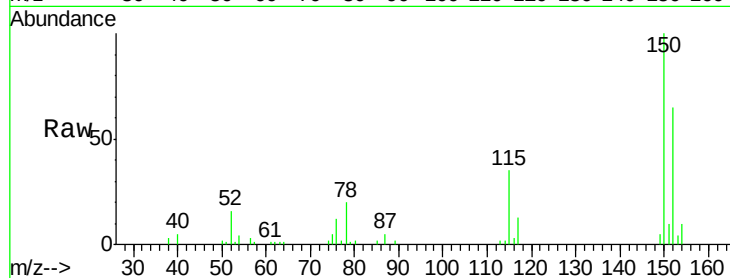


#1

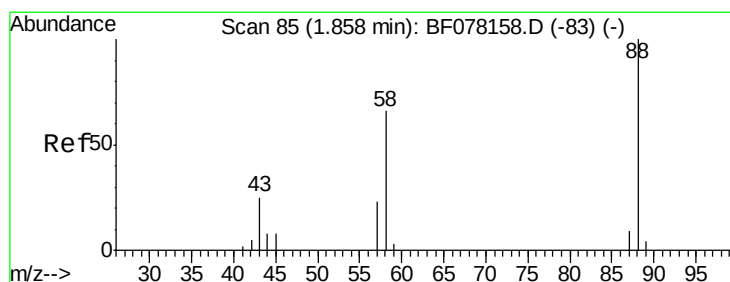
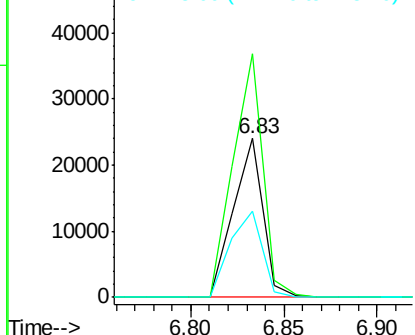
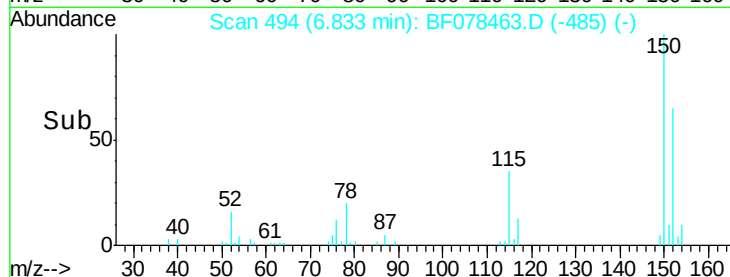
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF078463.D
Acq: 13 Apr 2015 16:41

Instrument :
BNA_F
ClientSampleId :
LS-SD05A

Tgt Ion:152 Resp: 26577
Ion Ratio Lower Upper
152 100
150 153.6 125.9 188.9
115 54.2 52.7 79.1



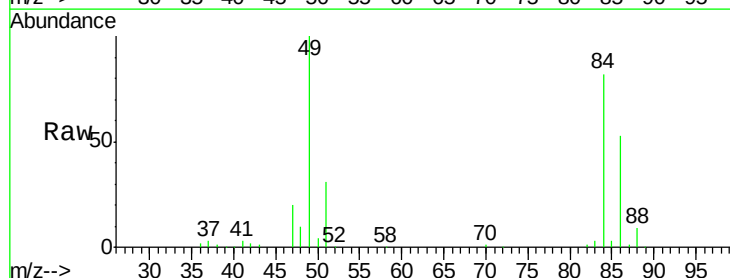
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



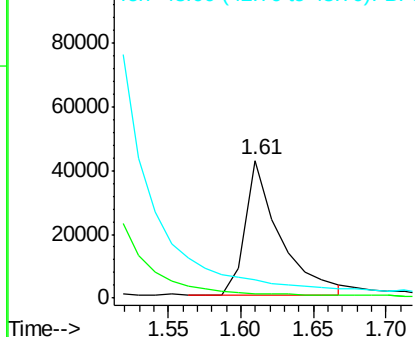
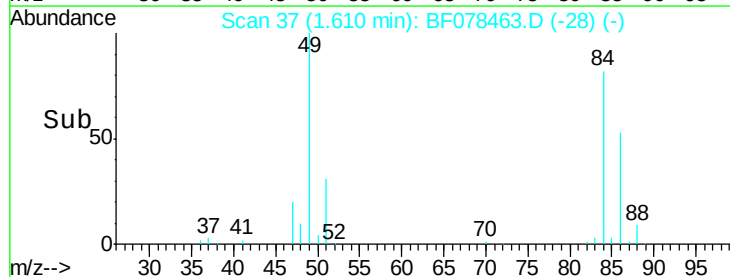
#2

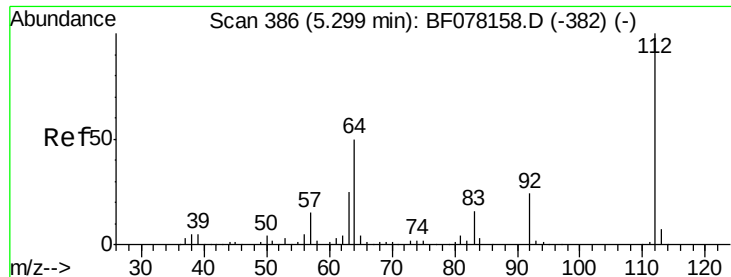
1,4-Dioxane
Concen: 97.18 ng
RT: 1.61 min Scan# 37
Delta R.T. 0.00 min
Lab File: BF078463.D
Acq: 13 Apr 2015 16:41

Tgt Ion: 88 Resp: 70835
Ion Ratio Lower Upper
88 100
58 0.0 56.9 85.3#
43 0.0 21.4 32.2#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 74.21 ng

RT: 5.08 min Scan# 341

Delta R.T. 0.00 min

Lab File: BF078463.D

Acq: 13 Apr 2015 16:41

Instrument :

BNA_F

ClientSampleId :

LS-SD05A

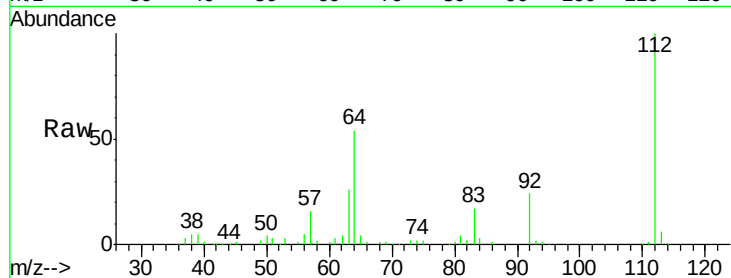
Tgt Ion: 112 Resp: 119621

Ion Ratio Lower Upper

112 100

64 53.8 39.9 59.9

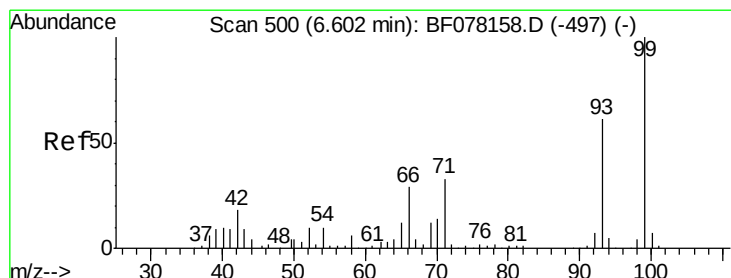
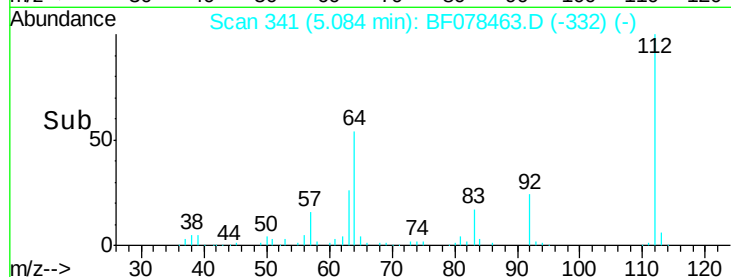
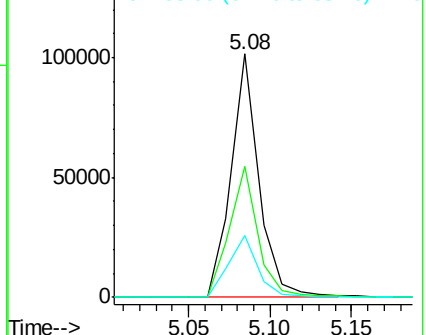
63 25.5 20.2 30.4



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: 73.37 ng

RT: 6.42 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF078463.D

Acq: 13 Apr 2015 16:41

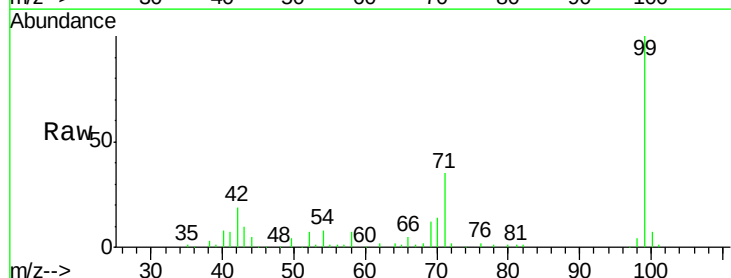
Tgt Ion: 99 Resp: 148225

Ion Ratio Lower Upper

99 100

42 19.4 14.8 22.2

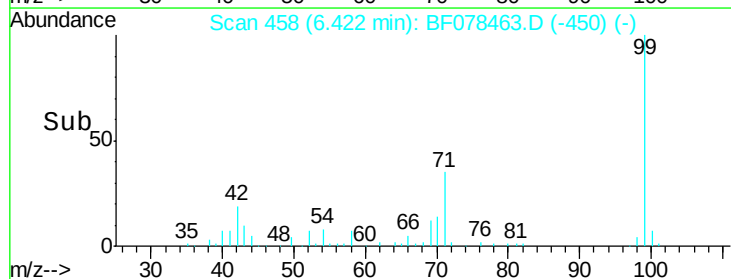
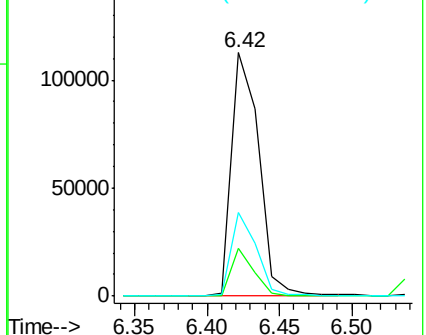
71 34.5 26.6 39.8

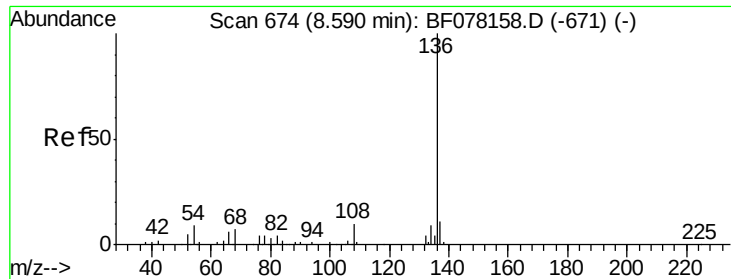


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 8.41 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF078463.D

Acq: 13 Apr 2015 16:41

Instrument :

BNA_F

ClientSampleId :

LS-SD05A

Tgt Ion:136 Resp: 105997

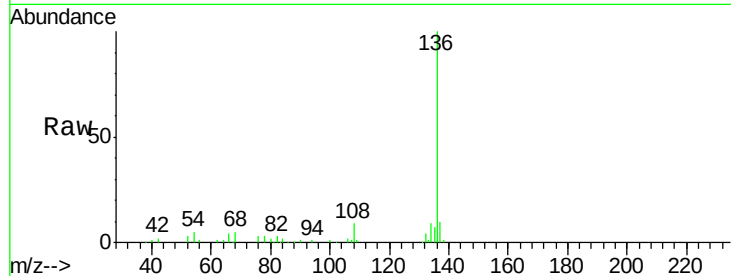
Ion Ratio Lower Upper

136 100

137 10.1 9.0 13.4

54 5.4 7.0 10.6#

68 5.0 5.4 8.2#

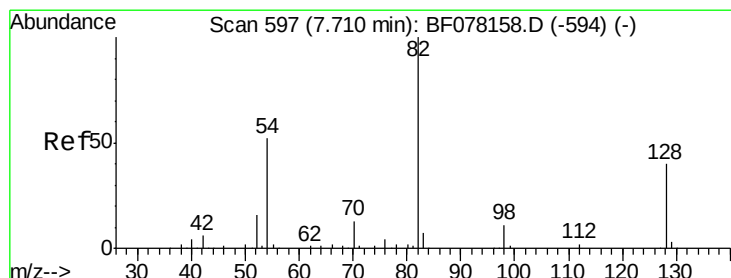
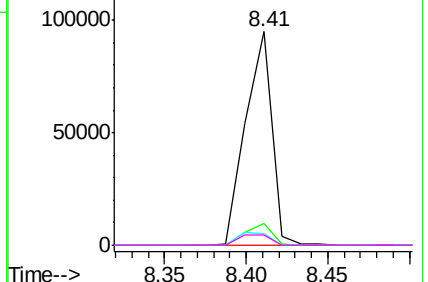
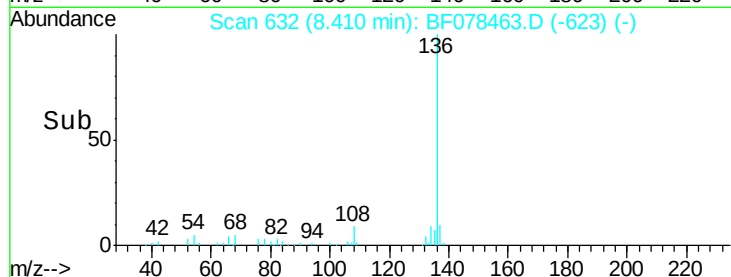


Abundance Ion 136.00 (135.70 to 136.70): E

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: 49.48 ng

RT: 7.53 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF078463.D

Acq: 13 Apr 2015 16:41

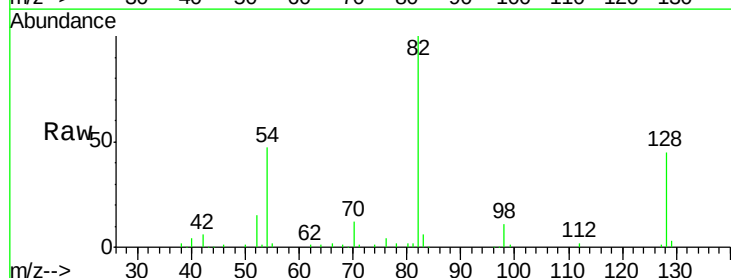
Tgt Ion: 82 Resp: 86525

Ion Ratio Lower Upper

82 100

128 45.2 31.8 47.8

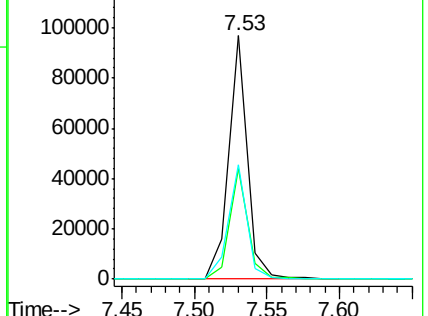
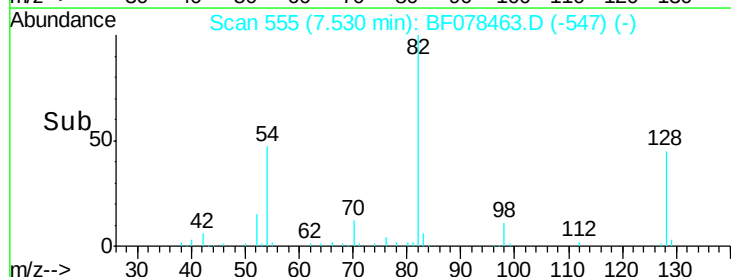
54 47.1 41.5 62.3

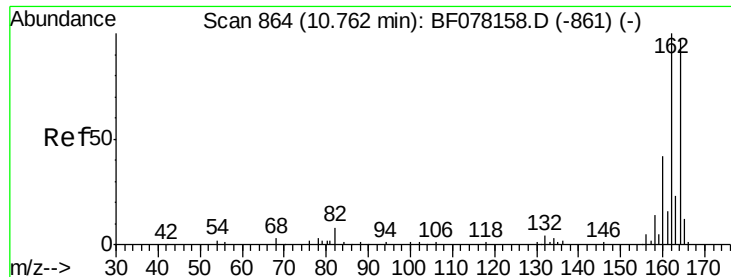


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

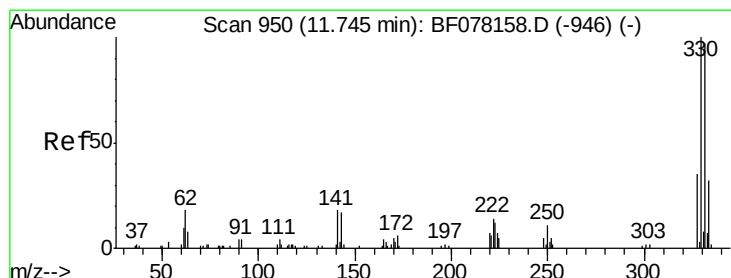
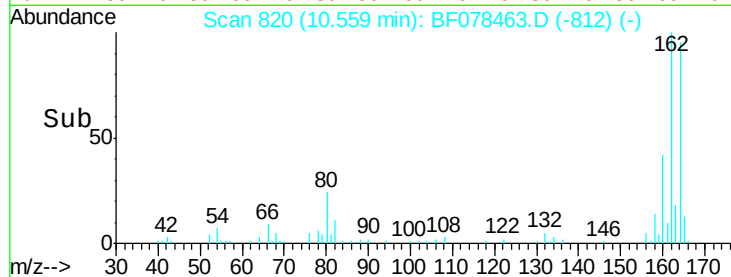
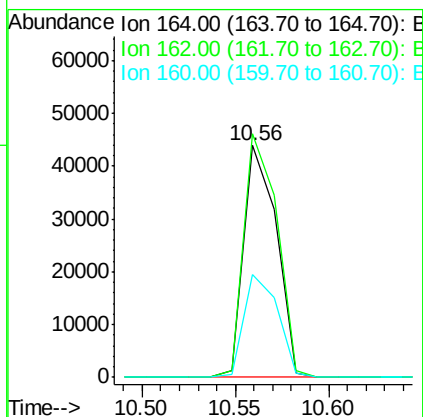
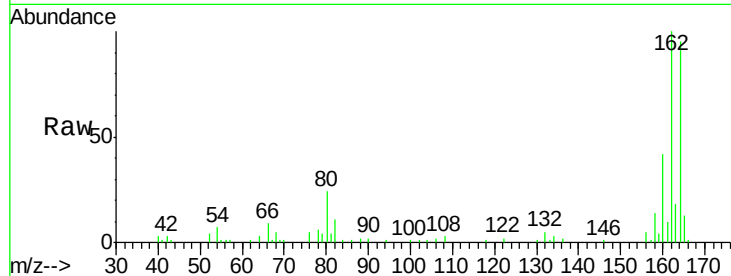




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.56 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF078463.D
 Acq: 13 Apr 2015 16:41

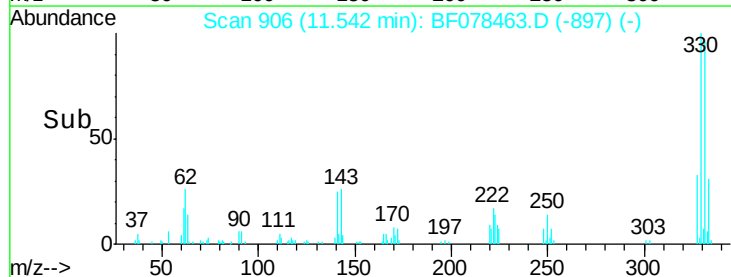
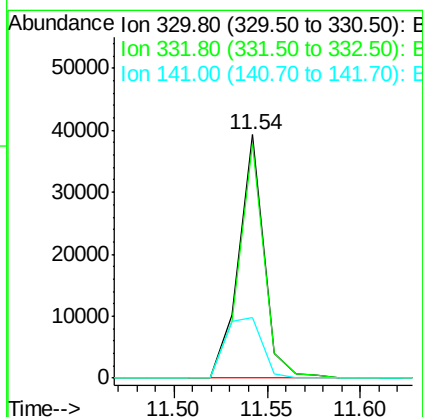
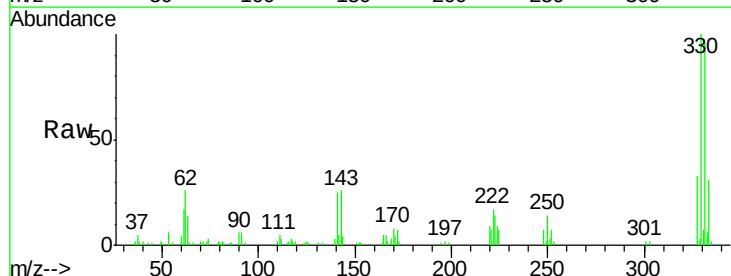
Instrument :
 BNA_F
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 LS-SD05A

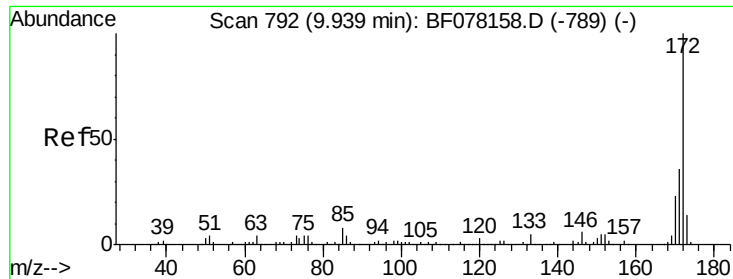
Tgt Ion:164 Resp: 53498
 Ion Ratio Lower Upper
 164 100
 162 105.0 82.2 123.2
 160 44.6 34.7 52.1



#41
 2,4,6-Tribromophenol
 Concen: 84.63 ng
 RT: 11.54 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF078463.D
 Acq: 13 Apr 2015 16:41

Tgt Ion:330 Resp: 37549
 Ion Ratio Lower Upper
 330 100
 332 95.0 78.6 117.8
 141 35.9 31.2 46.8

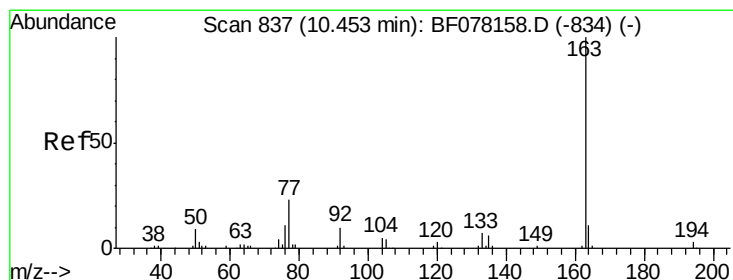
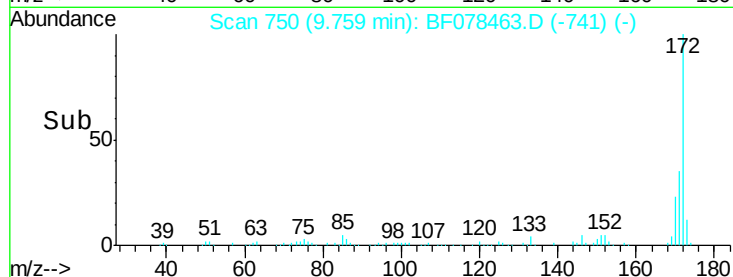
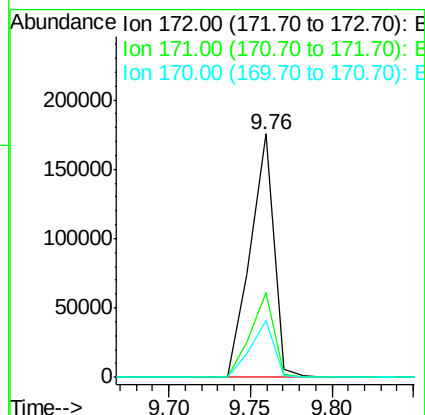
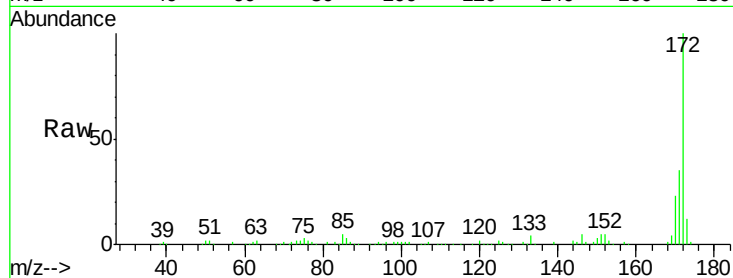




#44
2-Fluorobiphenyl
Concen: 47.12 ng
RT: 9.76 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF078463.D
Acq: 13 Apr 2015 16:41

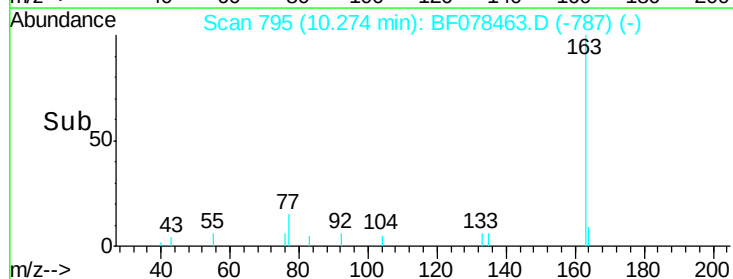
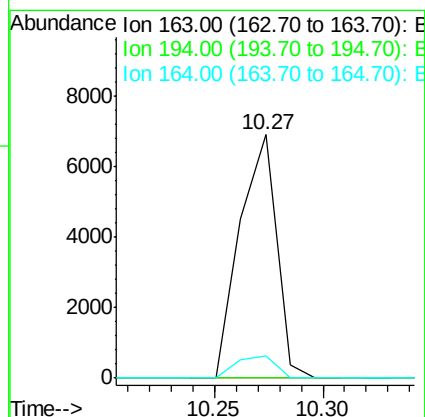
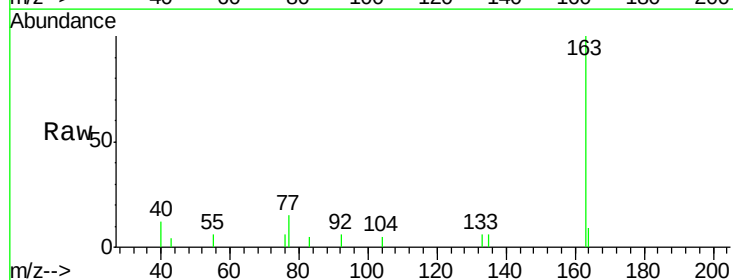
Instrument :
BNA_F
ClientSampleId :
LS-SD05A

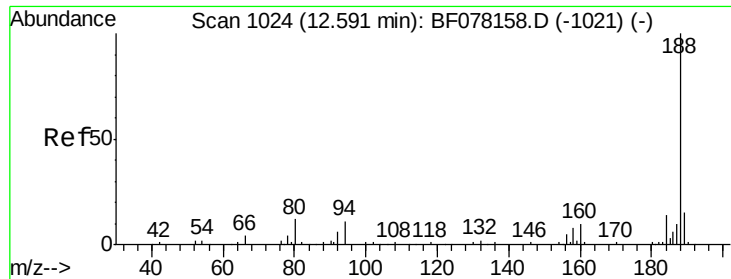
Tgt Ion:172 Resp: 176344
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 23.3 18.5 27.7



#49
Dimethylphthalate
Concen: 2.01 ng
RT: 10.27 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF078463.D
Acq: 13 Apr 2015 16:41

Tgt Ion:163 Resp: 8087
Ion Ratio Lower Upper
163 100
194 0.0 2.3 3.5#
164 9.3 8.6 13.0

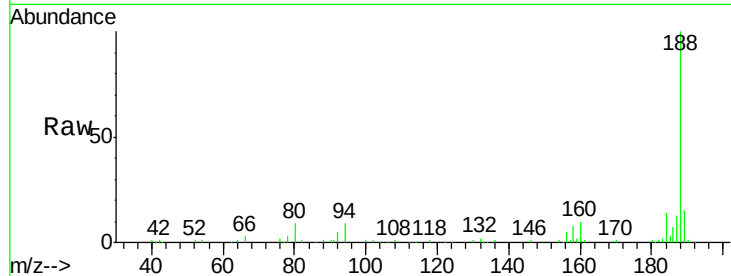




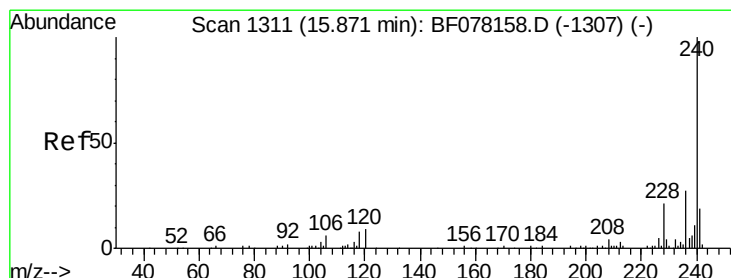
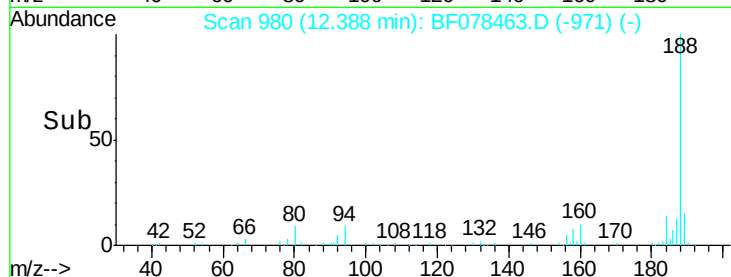
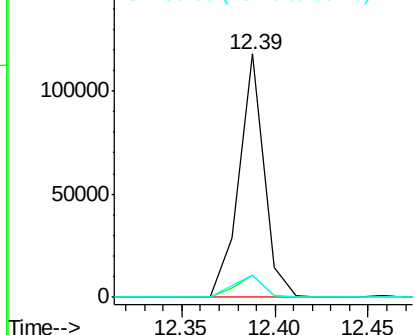
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.39 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF078463.D
 Acq: 13 Apr 2015 16:41

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD05A

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	9.0	13.4
80	9.4	9.5	14.3#

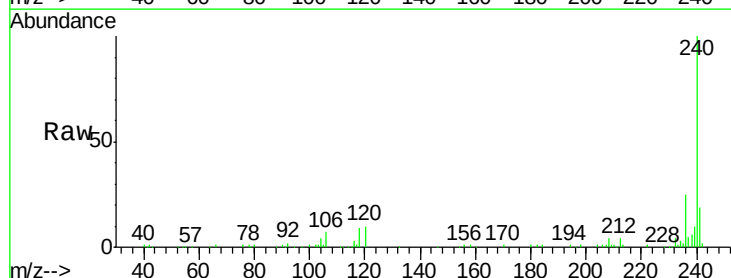


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

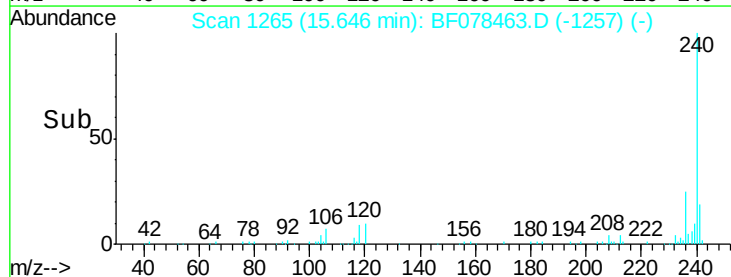
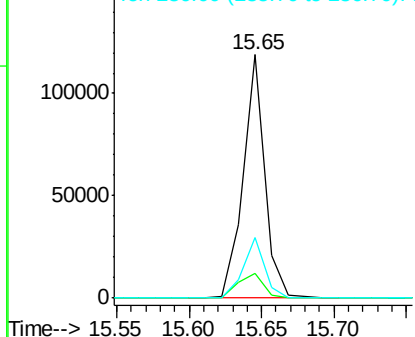


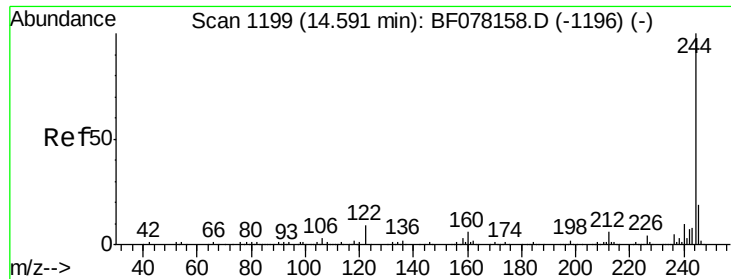
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.65 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BF078463.D
 Acq: 13 Apr 2015 16:41

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	7.1	10.7
236	25.1	21.4	32.2



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

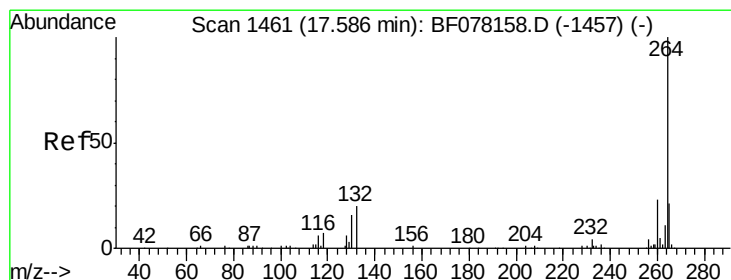
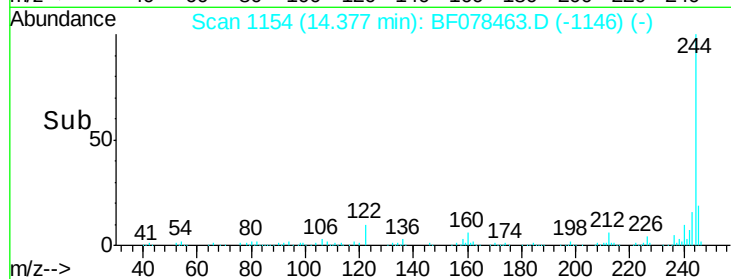
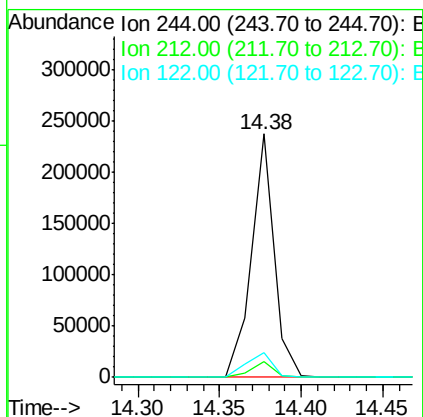
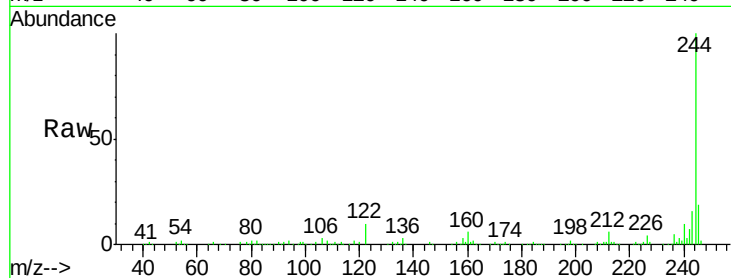




#78
 Terphenyl-d14
 Concen: 42.45 ng
 RT: 14.38 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF078463.D
 Acq: 13 Apr 2015 16:41

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD05A

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.0	7.4
122	10.2	7.1	10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.37 min Scan# 1416
 Delta R.T. -0.02 min
 Lab File: BF078463.D
 Acq: 13 Apr 2015 16:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	20.8	17.0	25.6

