

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
 Data File : BF078822.D
 Acq On : 29 Apr 2015 19:26
 Operator : TP/IZ
 Sample : G2003-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-18(48-50)

Quant Time: Apr 30 01:51:05 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 00:55:08 2015
 Response via : Initial Calibration

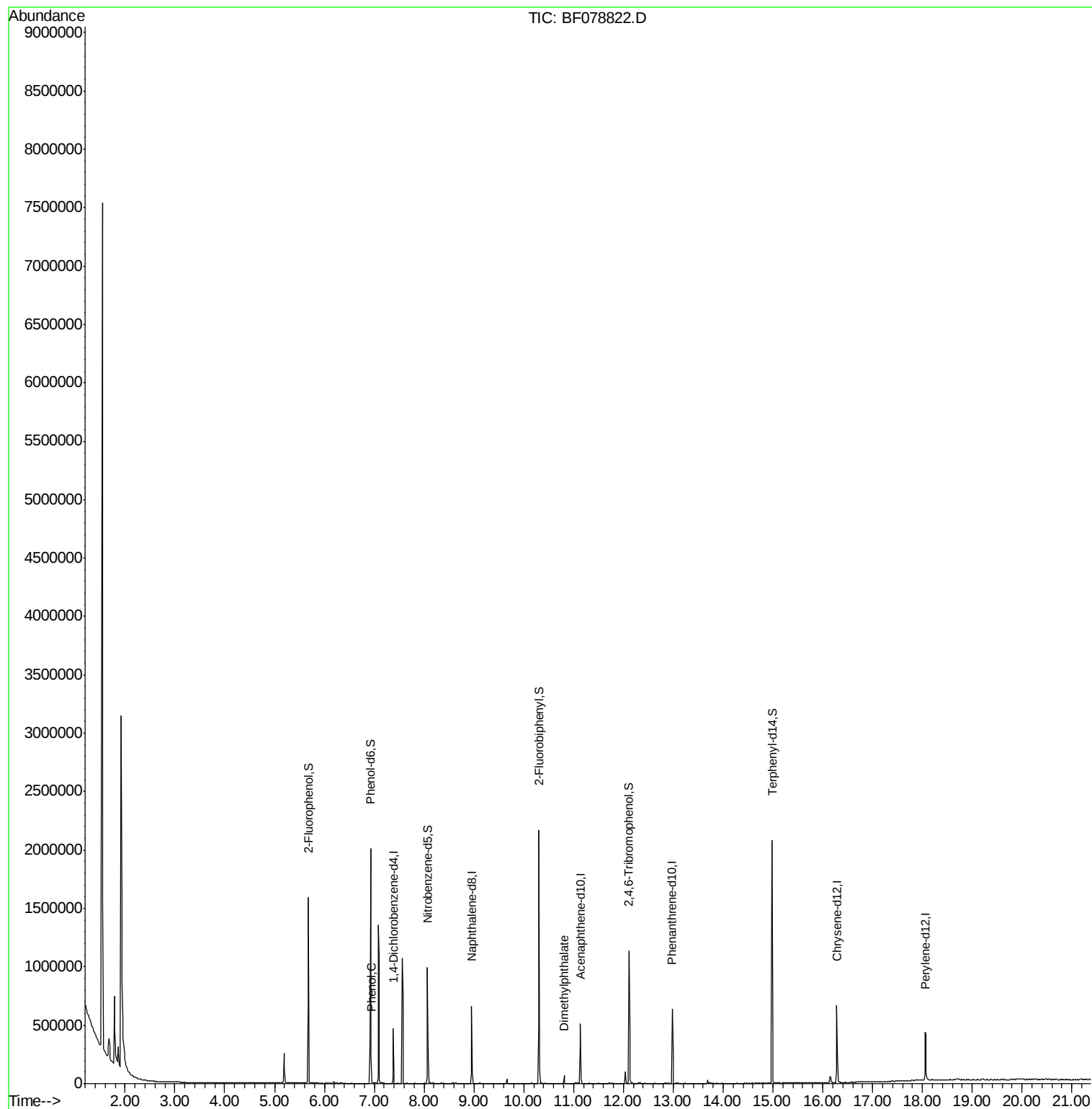
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	66666	20.00	ng	0.00
21) Naphthalene-d8	8.96	136	276823	20.00	ng	0.00
38) Acenaphthene-d10	11.14	164	127294	20.00	ng	0.00
63) Phenanthrene-d10	12.98	188	251384	20.00	ng	0.00
75) Chrysene-d12	16.29	240	251394	20.00	ng	-0.01
86) Perylene-d12	18.07	264	247180	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	469640	129.39	ng	0.00
7) Phenol-d6	6.92	99	617845	127.45	ng	0.00
23) Nitrobenzene-d5	8.07	82	311720	81.07	ng	0.00
41) 2,4,6-Tribromophenol	12.11	330	139847	111.29	ng	-0.01
44) 2-Fluorobiphenyl	10.31	172	645831	69.48	ng	0.00
78) Terphenyl-d14	14.98	244	681278	64.54	ng	0.00
Target Compounds						
10) Phenol	6.94	94	19403	3.39	ng	Qvalue 81
49) Dimethylphthalate	10.81	163	27288	3.02	ng	# 99

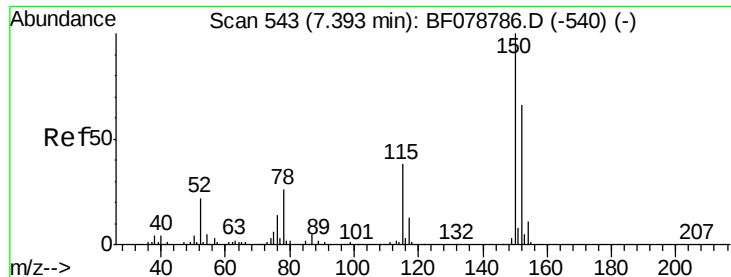
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 30 00:55:08 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.38 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF078822.D

Acq: 29 Apr 2015 19:26

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)

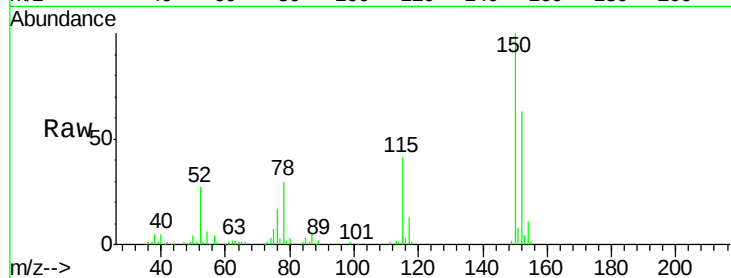
Tot Ion:152 Resp: 66666

Ion Ratio Lower Upper

152 100

150 159.6 122.0 183.0

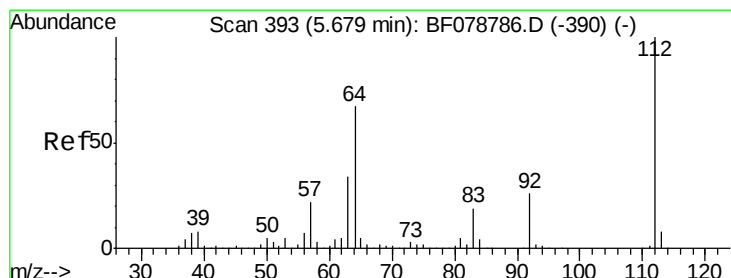
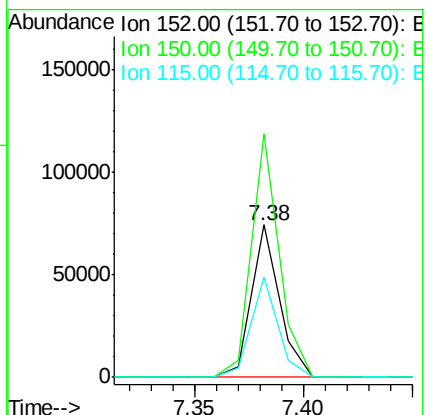
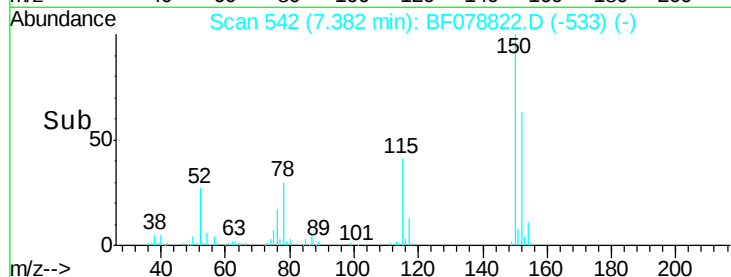
115 65.8 46.3 69.5



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: 129.39 ng

RT: 5.68 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF078822.D

Acq: 29 Apr 2015 19:26

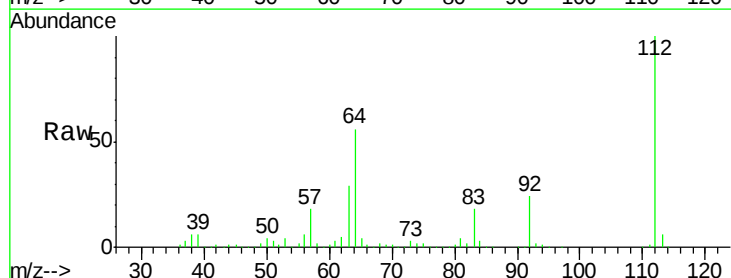
Tgt Ion:112 Resp: 469640

Ion Ratio Lower Upper

112 100

64 56.4 53.5 80.3

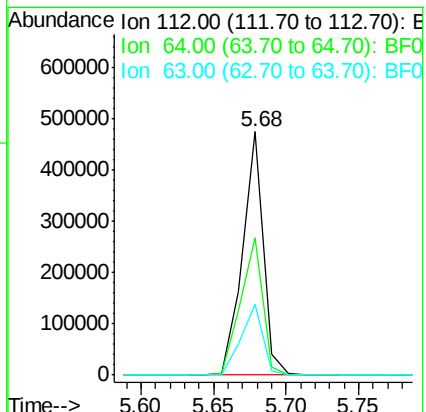
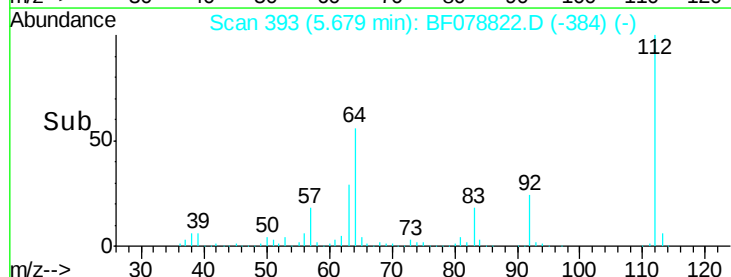
63 29.2 27.5 41.3

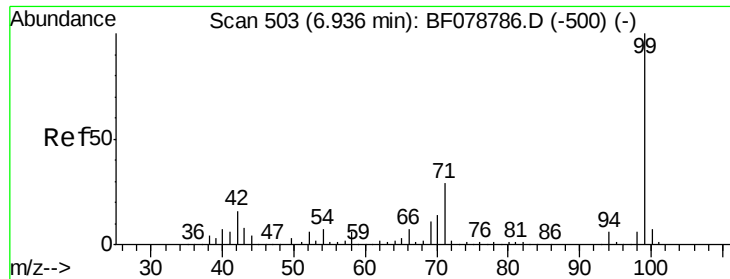


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 127.45 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.00 min

Lab File: BF078822.D

Acq: 29 Apr 2015 19:26

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)

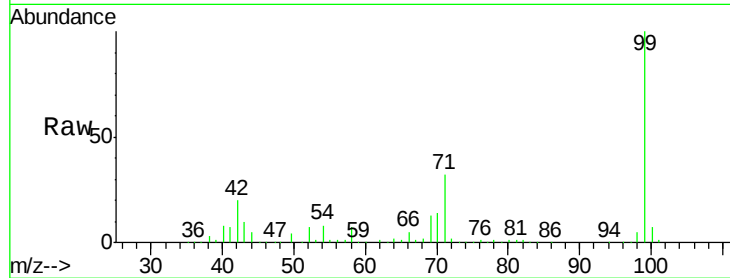
Tot Ion: 99 Resp: 617845

Ion Ratio Lower Upper

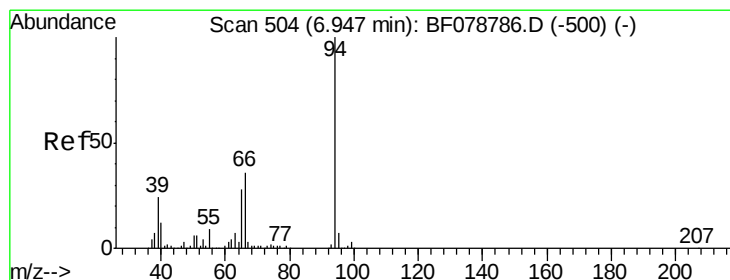
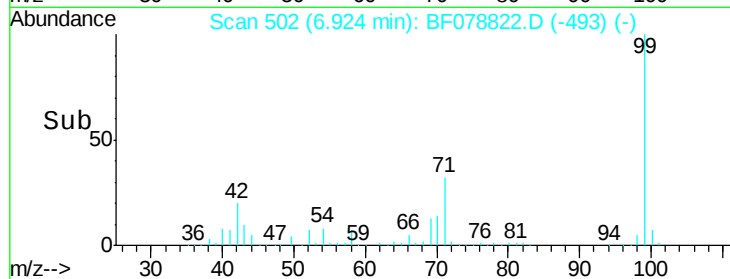
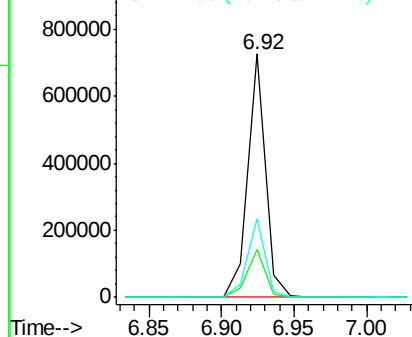
99 100

42 19.7 12.8 19.2#

71 32.2 23.4 35.2



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



#10

Phenol

Concen: 3.39 ng

RT: 6.94 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF078822.D

Acq: 29 Apr 2015 19:26

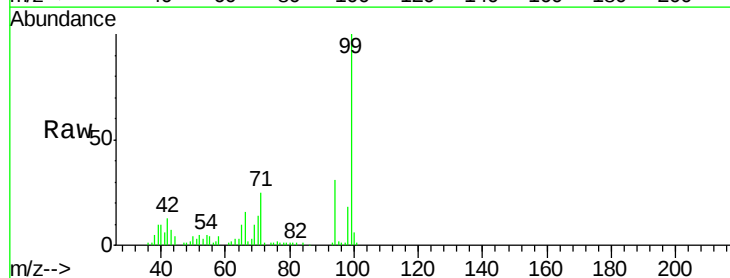
Tgt Ion: 94 Resp: 19403

Ion Ratio Lower Upper

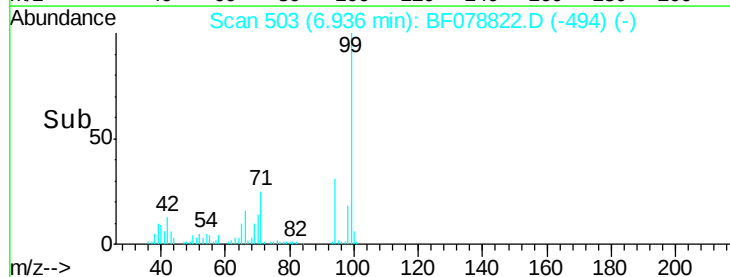
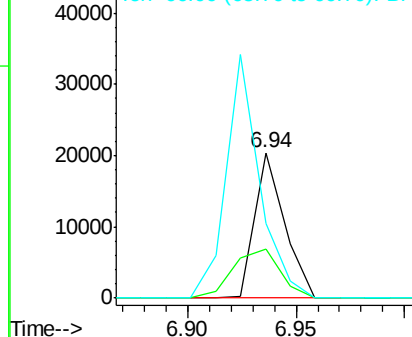
94 100

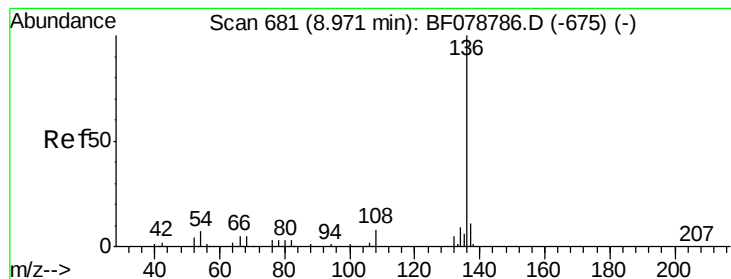
65 33.4 8.5 48.5

66 51.9 16.0 56.0



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: 8.96 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF078822.D

Acq: 29 Apr 2015 19:26

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)

Tot Ion:136 Resp: 276823

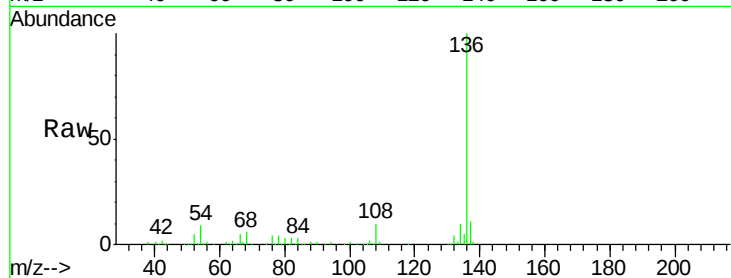
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 8.7 5.8 8.8

68 6.0 4.2 6.4

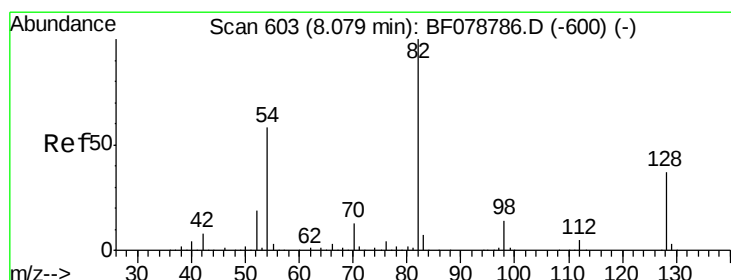
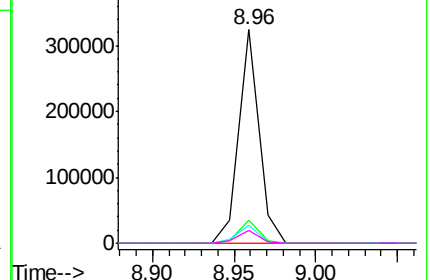
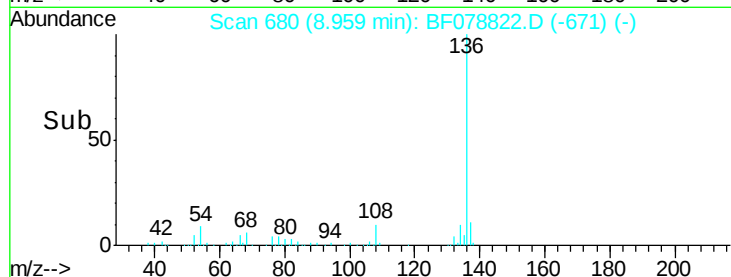


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.07 ng

RT: 8.07 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF078822.D

Acq: 29 Apr 2015 19:26

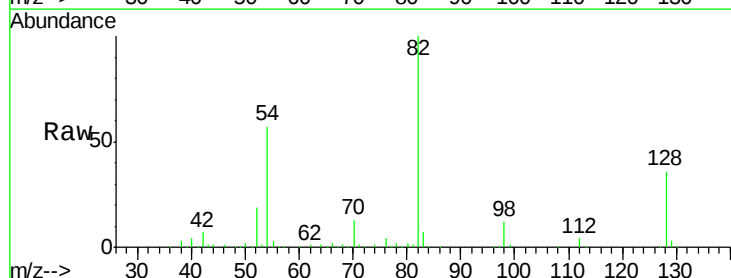
Tgt Ion: 82 Resp: 311720

Ion Ratio Lower Upper

82 100

128 35.7 30.0 45.0

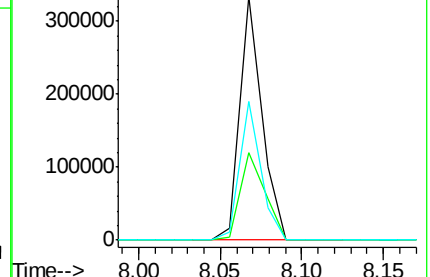
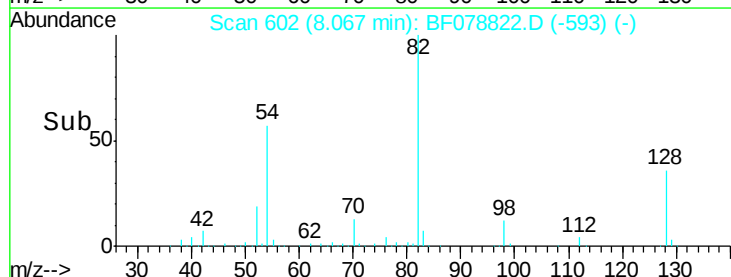
54 57.0 46.4 69.6

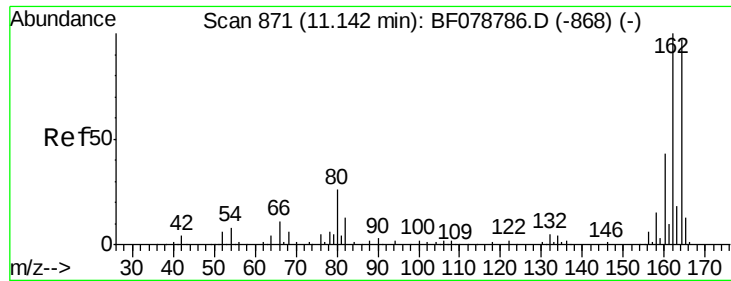


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

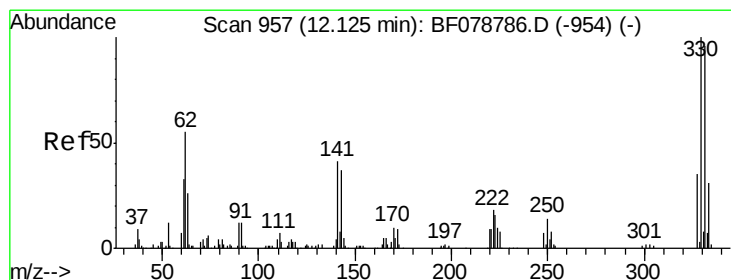
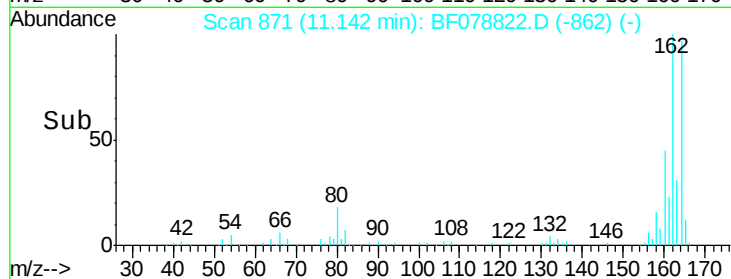
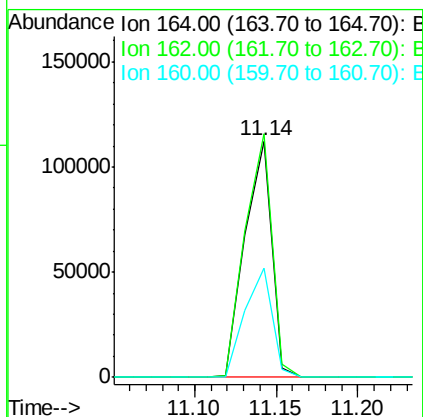
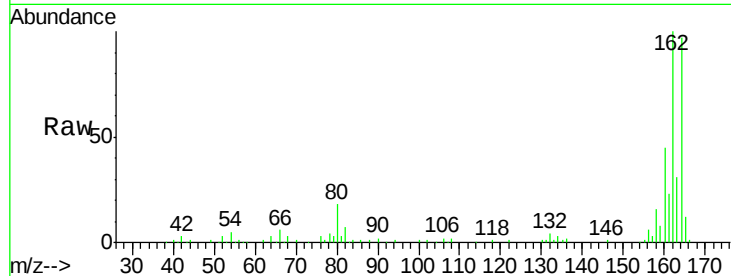




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF078822.D
Acq: 29 Apr 2015 19:26

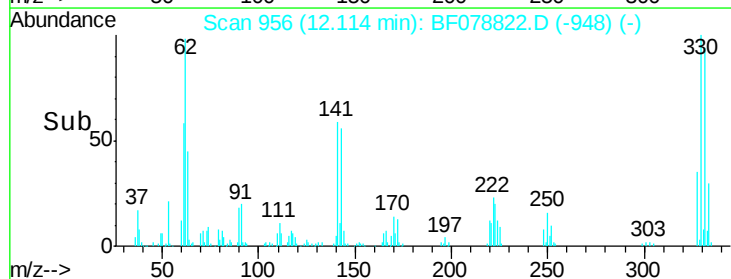
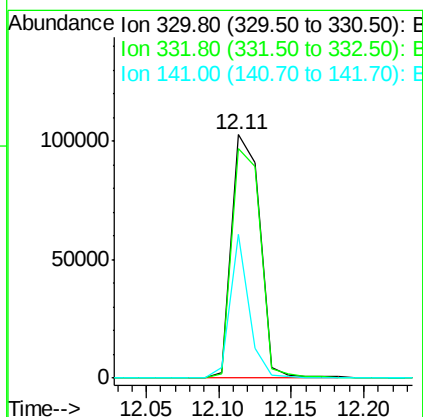
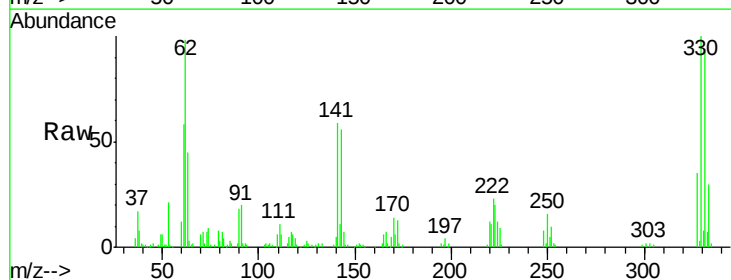
Instrument :
BNA_F
ClientSampleId :
SB-18(48-50)

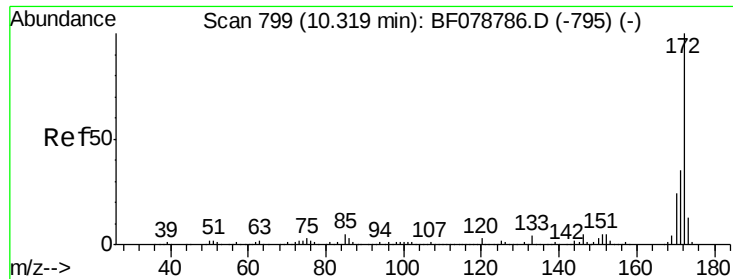
Tot Ion:164 Resp: 127294
Ion Ratio Lower Upper
164 100
162 103.2 82.7 124.1
160 46.4 35.8 53.8



#41
2,4,6-Tribromophenol
Concen: 111.29 ng
RT: 12.11 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF078822.D
Acq: 29 Apr 2015 19:26

Tgt Ion:330 Resp: 139847
Ion Ratio Lower Upper
330 100
332 95.8 0.0 0.0#
141 39.0 0.0 0.0#

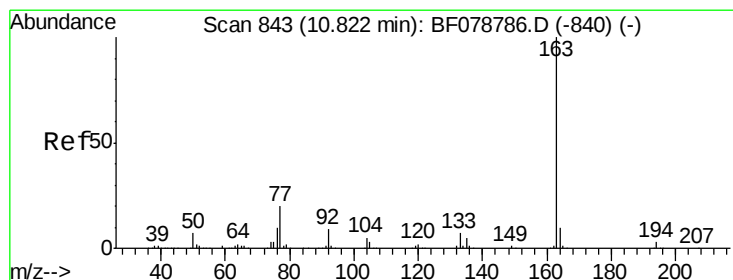
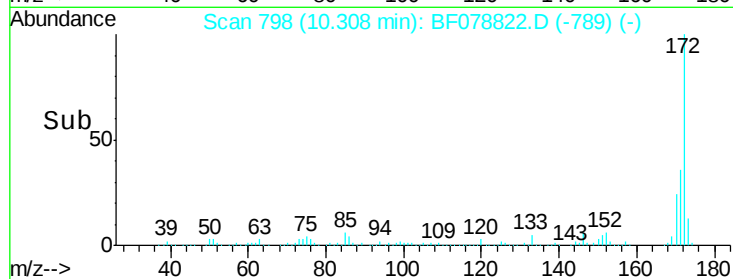
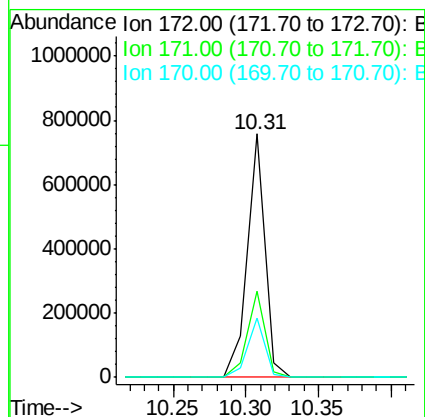
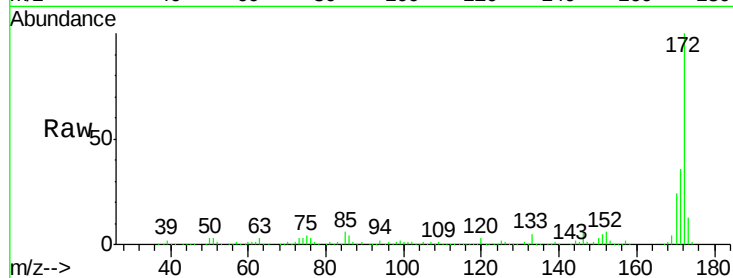




#44
2-Fluorobiphenyl
Concen: 69.48 ng
RT: 10.31 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF078822.D
Acq: 29 Apr 2015 19:26

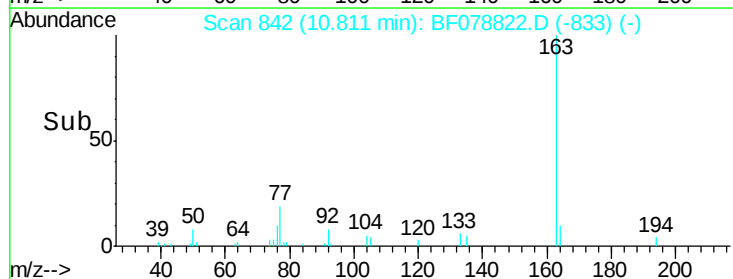
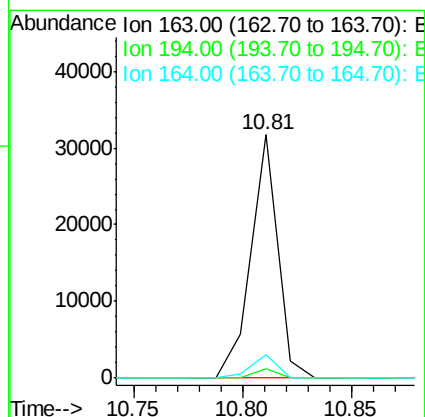
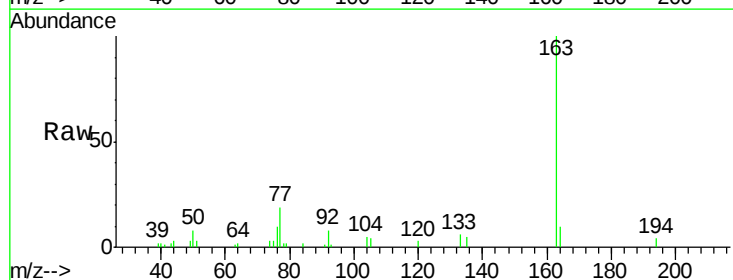
Instrument :
BNA_F
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SB-18(48-50)

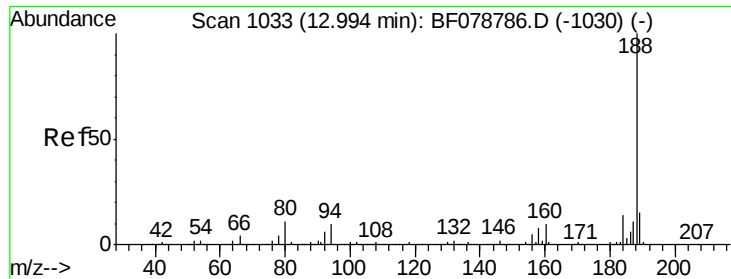
Tot Ion:172 Resp: 645831
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 24.2 19.4 29.0



#49
Dimethylphthalate
Concen: 3.02 ng
RT: 10.81 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF078822.D
Acq: 29 Apr 2015 19:26

Tgt Ion:163 Resp: 27288
Ion Ratio Lower Upper
163 100
194 4.1 2.6 4.0#
164 9.7 8.1 12.1

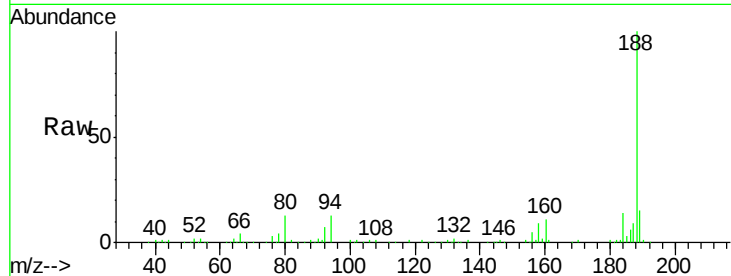




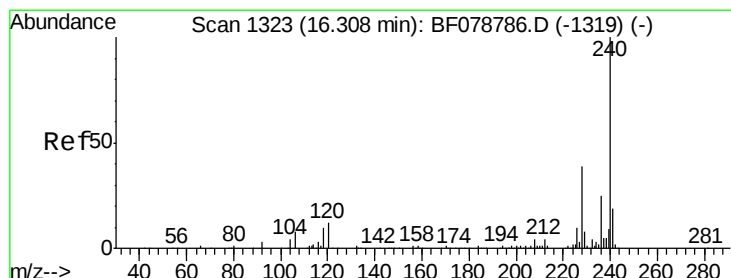
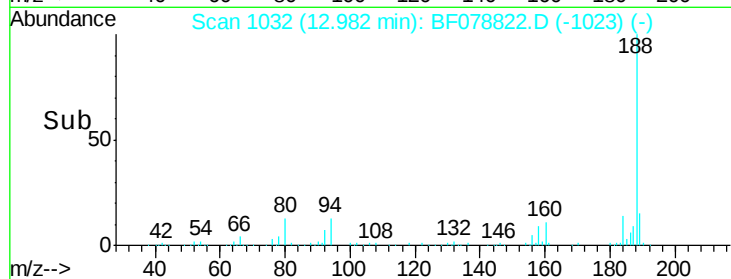
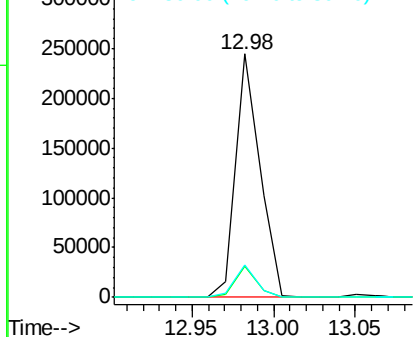
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.98 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF078822.D
Acq: 29 Apr 2015 19:26

Instrument :
BNA_F
ClientSampleId :
SB-18(48-50)

Tot Ion:188 Resp: 251384
Ion Ratio Lower Upper
188 100
94 12.6 8.2 12.2#
80 13.4 8.9 13.3#

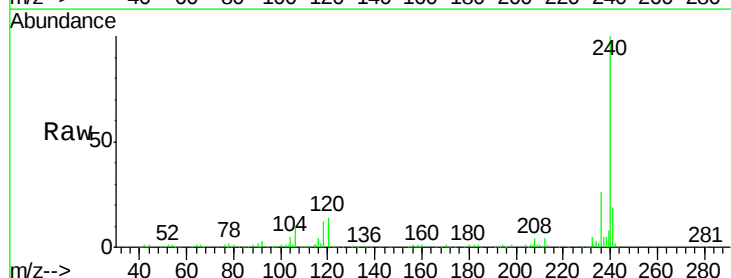


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

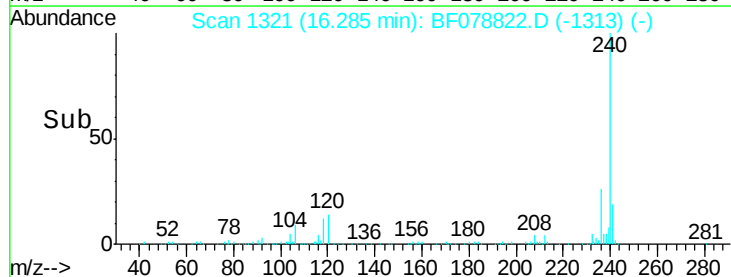
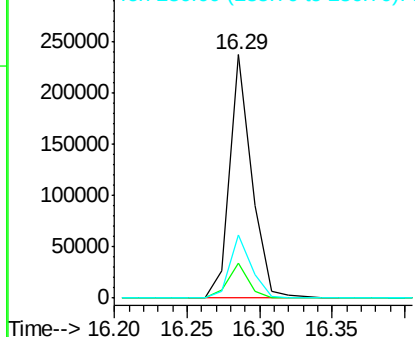


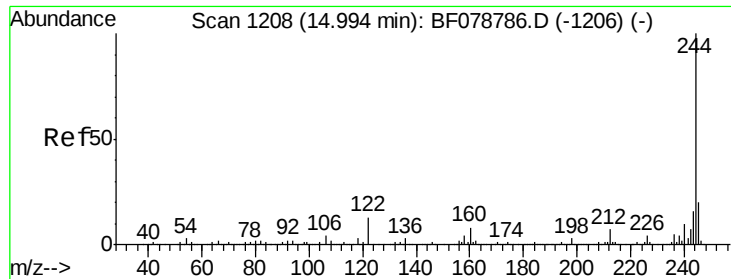
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.29 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF078822.D
Acq: 29 Apr 2015 19:26

Tgt Ion:240 Resp: 251394
Ion Ratio Lower Upper
240 100
120 14.2 9.7 14.5
236 26.1 20.2 30.4



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

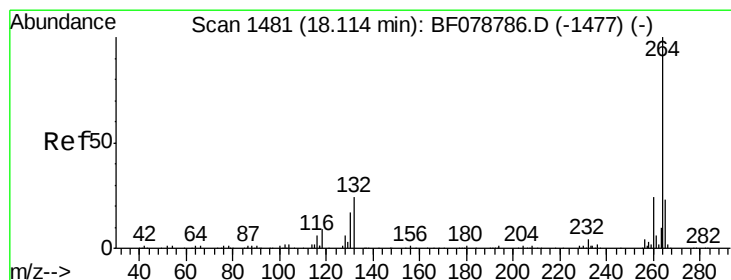
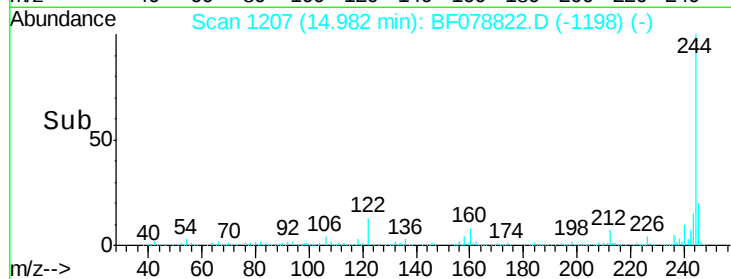
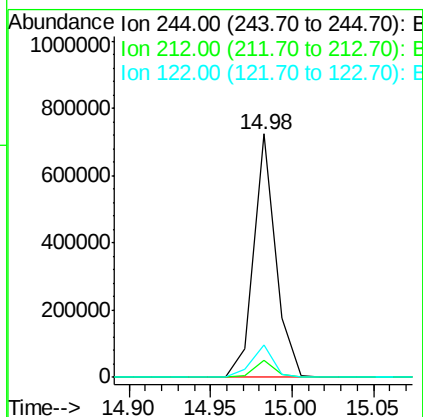
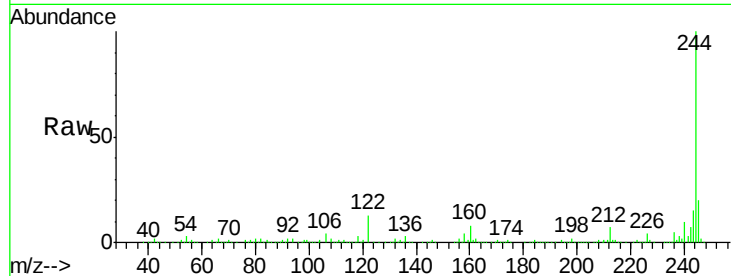




#78
 Terphenyl-d14
 Concen: 64.54 ng
 RT: 14.98 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF078822.D
 Acq: 29 Apr 2015 19:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-18(48-50)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	13.1	10.3	15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.07 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF078822.D
 Acq: 29 Apr 2015 19:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.6	18.3	27.5

