

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061015\
 Data File : BF079883.D
 Acq On : 11 Jun 2015 2:02
 Operator : TP/IZ
 Sample : G2574-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S3

Quant Time: Jun 11 03:27:21 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 00:53:15 2015
 Response via : Initial Calibration

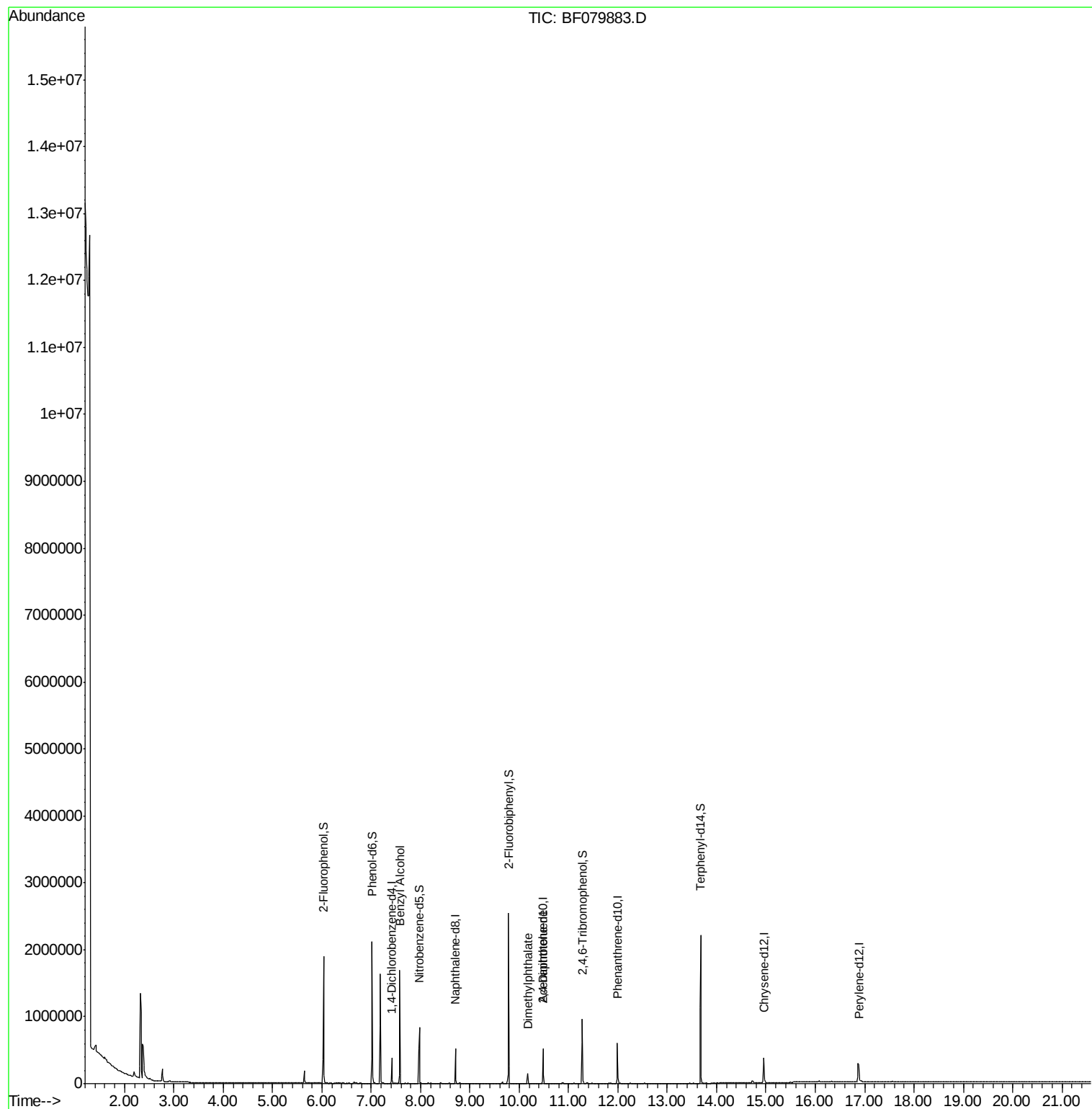
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	50381	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	200724	20.00	ng	0.00
38) Acenaphthene-d10	10.48	164	102064	20.00	ng	-0.01
63) Phenanthrene-d10	11.99	188	208617	20.00	ng	-0.01
75) Chrysene-d12	14.96	240	210095	20.00	ng	-0.11
86) Perylene-d12	16.88	264	192232	20.00	ng	-0.15
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	462761	151.38	ng	0.00
7) Phenol-d6	7.02	99	632595	159.93	ng	0.00
23) Nitrobenzene-d5	7.98	82	316786	91.17	ng	0.00
41) 2,4,6-Tribromophenol	11.28	330	138256	156.53	ng	0.00
44) 2-Fluorobiphenyl	9.78	172	694135	95.65	ng	0.00
78) Terphenyl-d14	13.68	244	854729	91.71	ng	-0.06
Target Compounds						
15) Benzyl Alcohol	7.58	79	6446	2.02	ng	# 51
49) Dimethylphthalate	10.17	163	60275	7.58	ng	99
56) 2,4-Dinitrotoluene	10.48	165	12169	12.01	ng	# 32

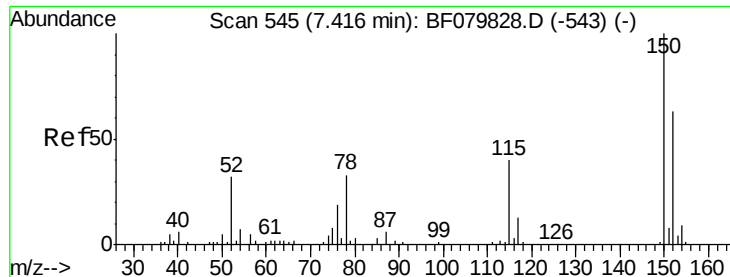
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.42 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF079883.D

Acq: 11 Jun 2015 2:02

Instrument :

BNA_F

ClientSampleId :

S3

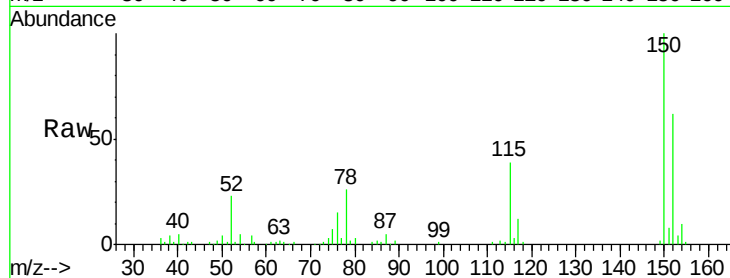
Tgt Ion:152 Resp: 50381

Ion Ratio Lower Upper

152 100

150 160.7 131.4 197.2

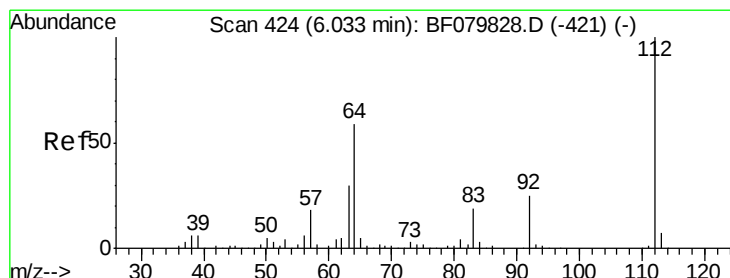
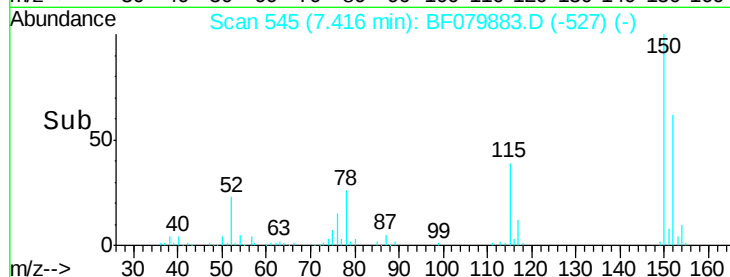
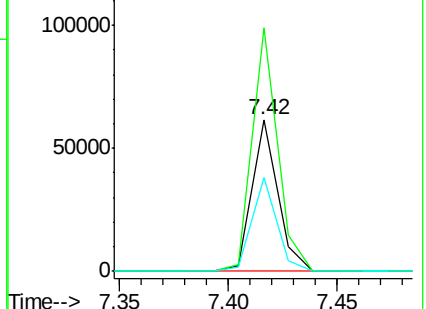
115 62.3 56.5 84.7



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: 151.38 ng

RT: 6.03 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF079883.D

Acq: 11 Jun 2015 2:02

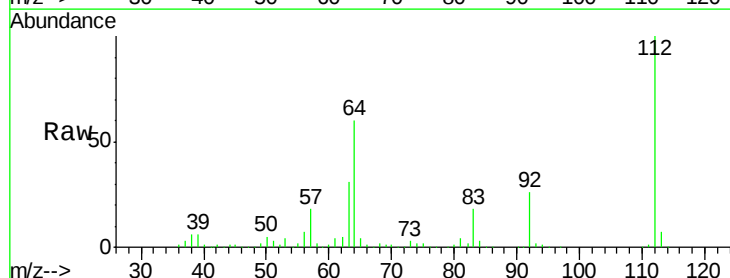
Tgt Ion:112 Resp: 462761

Ion Ratio Lower Upper

112 100

64 59.7 44.2 66.4

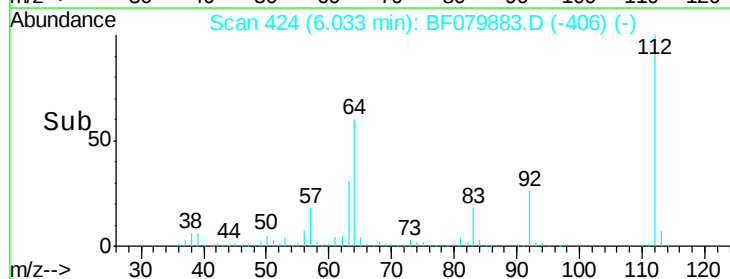
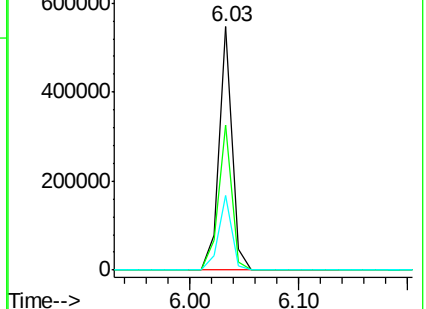
63 30.6 22.8 34.2

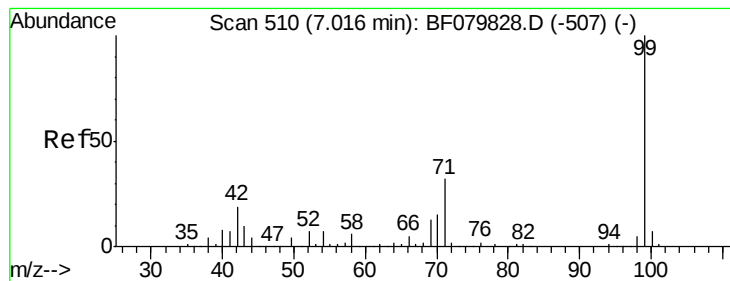


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 159.93 ng

RT: 7.02 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF079883.D

Acq: 11 Jun 2015 2:02

Instrument :

BNA_F

ClientSampleId :

S3

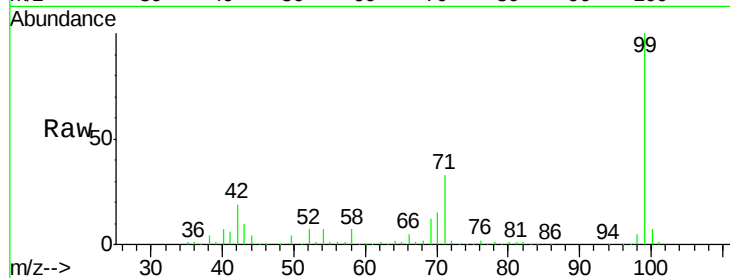
Tgt Ion: 99 Resp: 632595

Ion Ratio Lower Upper

99 100

42 18.8 13.7 20.5

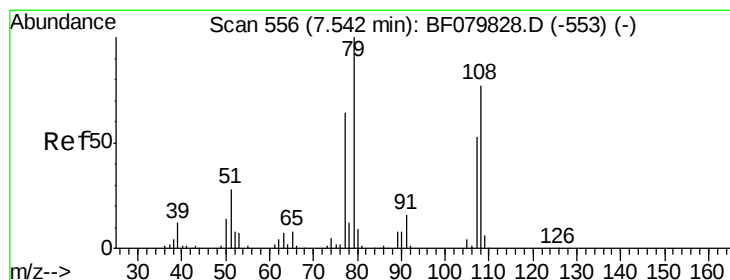
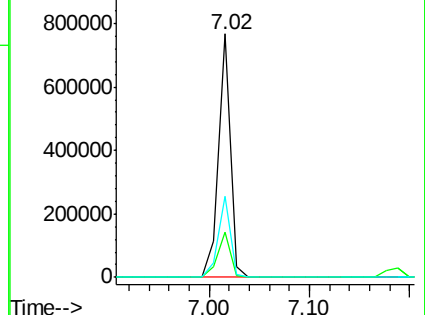
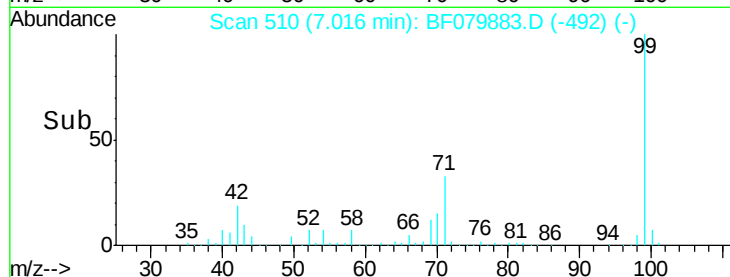
71 33.2 25.1 37.7



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



#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 7.58 min Scan# 559

Delta R.T. 0.03 min

Lab File: BF079883.D

Acq: 11 Jun 2015 2:02

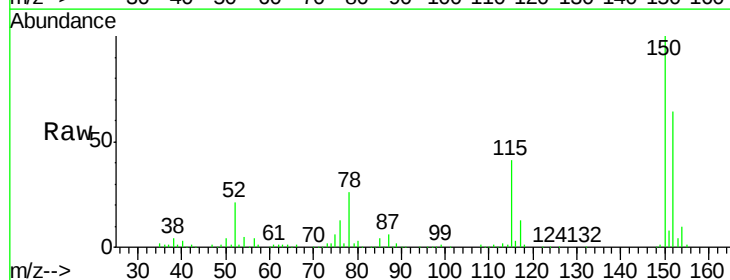
Tgt Ion: 79 Resp: 6446

Ion Ratio Lower Upper

79 100

108 34.8 60.6 91.0#

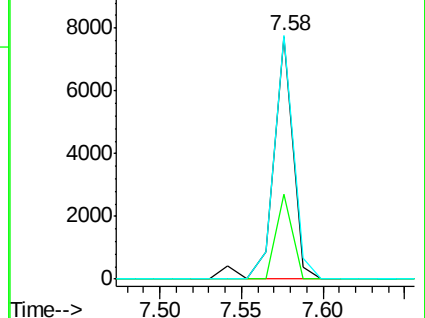
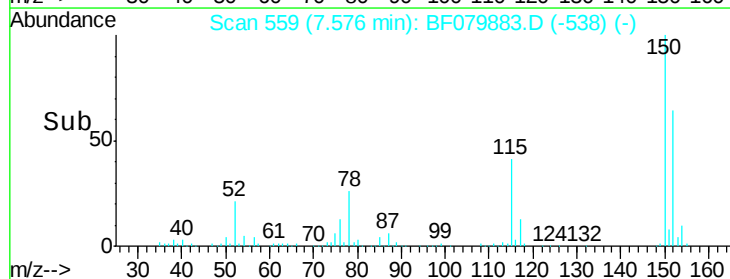
77 100.3 49.6 74.4#

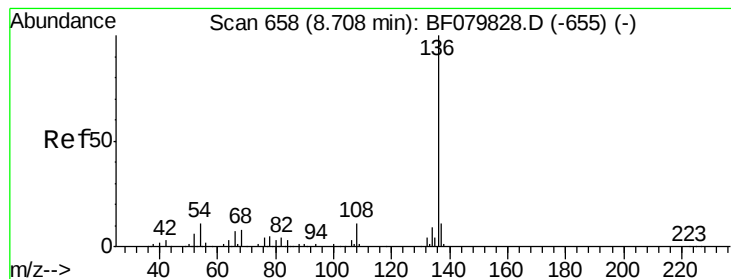


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF079883.D

Acq: 11 Jun 2015 2:02

Instrument :

BNA_F

ClientSampleId :

S3

Tgt Ion: 136 Resp: 200724

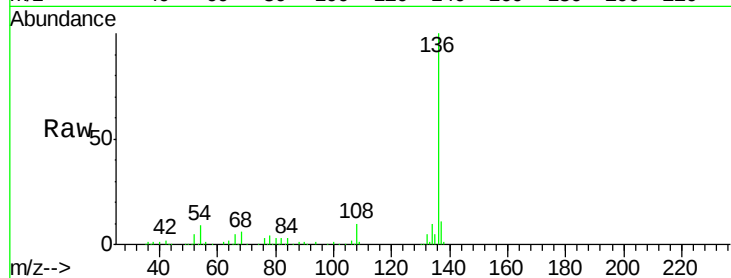
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 8.7 8.1 12.1

68 6.4 4.8 7.2

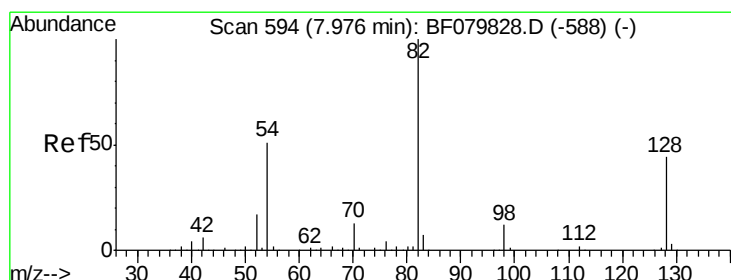
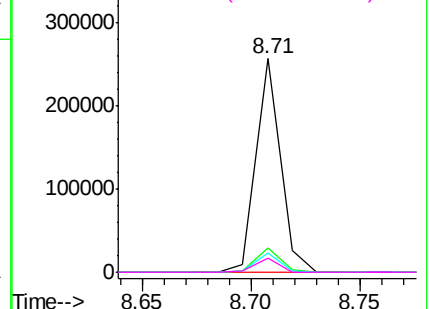
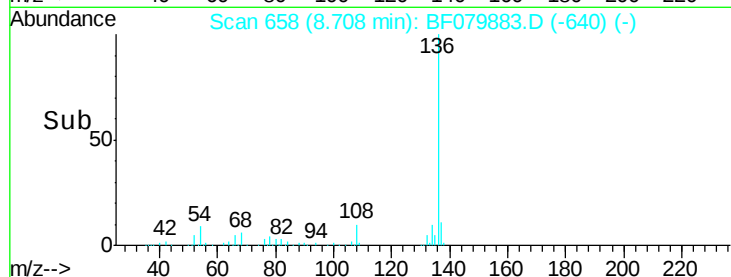


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.17 ng

RT: 7.98 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF079883.D

Acq: 11 Jun 2015 2:02

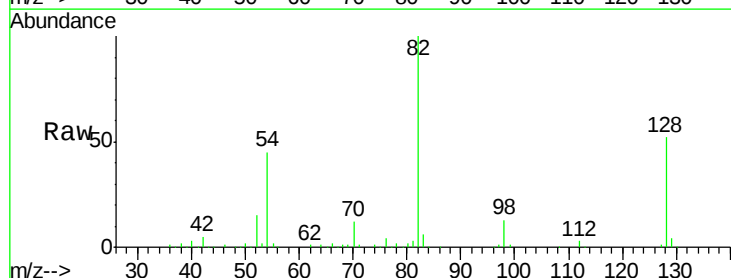
Tgt Ion: 82 Resp: 316786

Ion Ratio Lower Upper

82 100

128 52.1 35.2 52.8

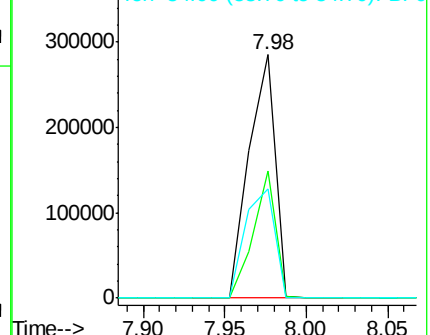
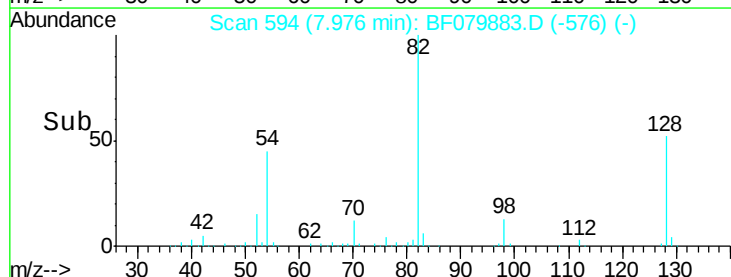
54 44.6 39.2 58.8

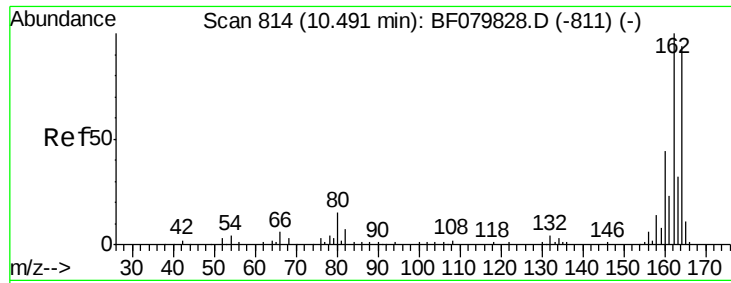


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

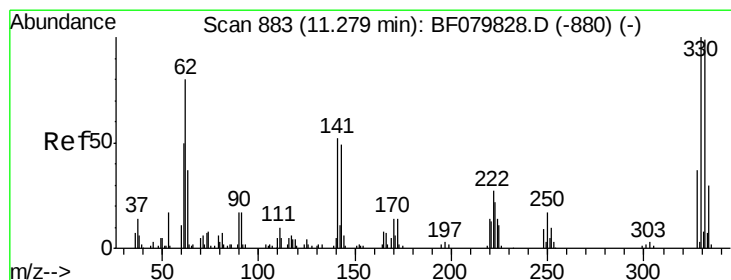
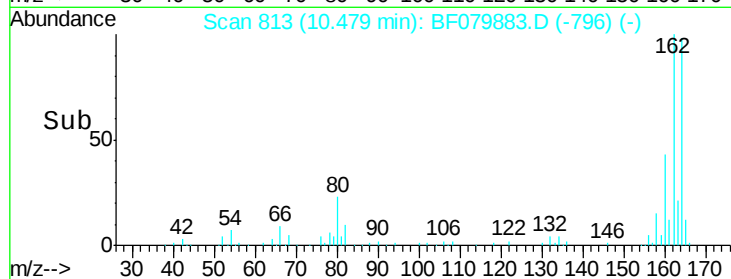
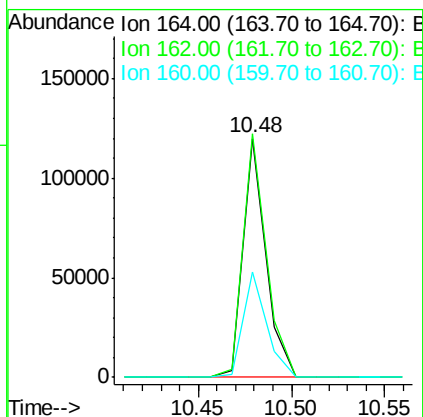
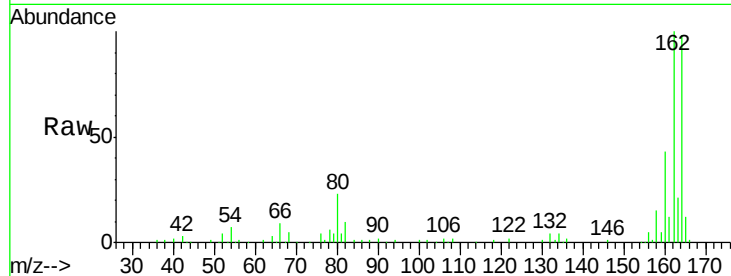




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.48 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF079883.D
Acq: 11 Jun 2015 2:02

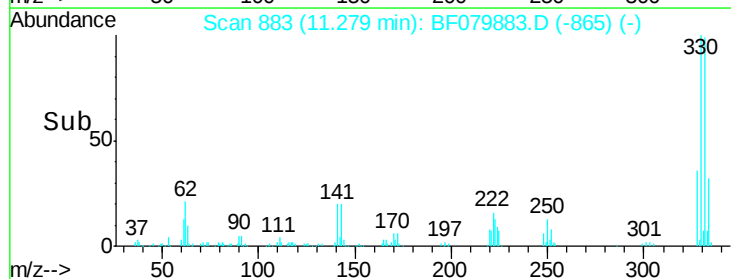
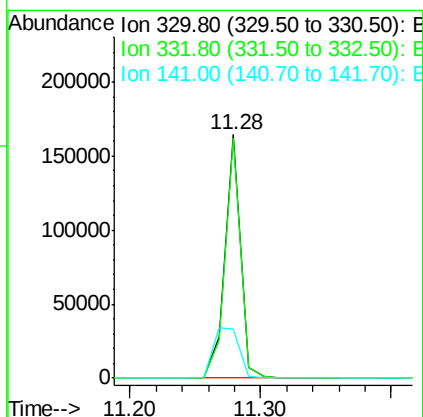
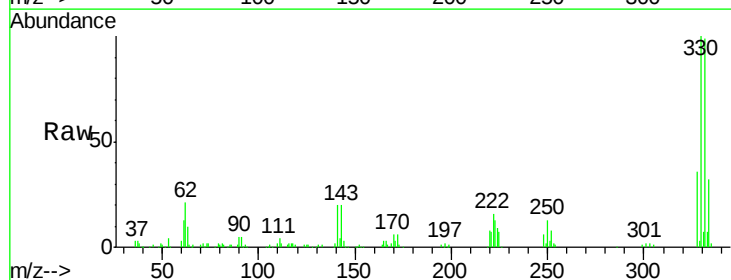
Instrument :
BNA_F
ClientSampleId :
S3

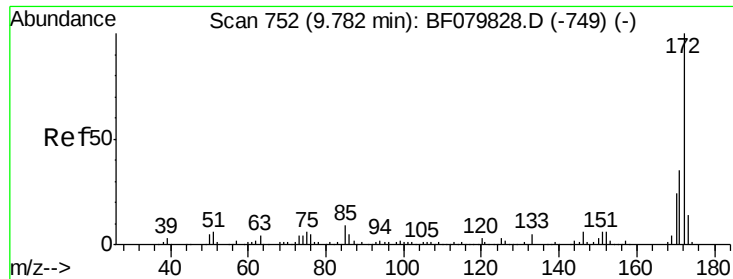
Tgt Ion:164 Resp: 102064
Ion Ratio Lower Upper
164 100
162 102.0 89.8 134.8
160 44.0 39.6 59.4



#41
2,4,6-Tribromophenol
Concen: 156.53 ng
RT: 11.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF079883.D
Acq: 11 Jun 2015 2:02

Tgt Ion:330 Resp: 138256
Ion Ratio Lower Upper
330 100
332 98.0 76.8 115.2
141 33.7 29.1 43.7

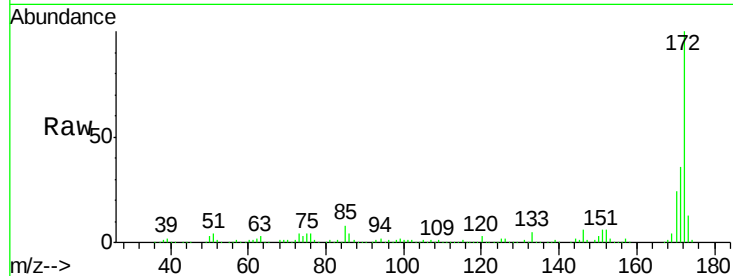




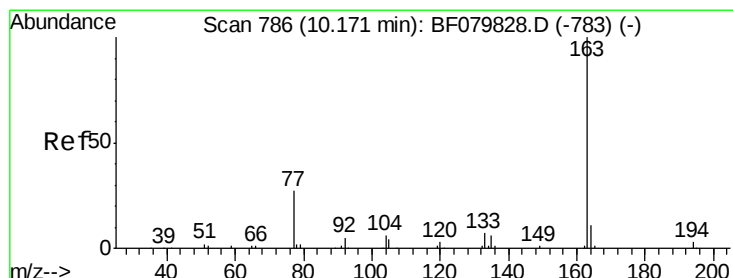
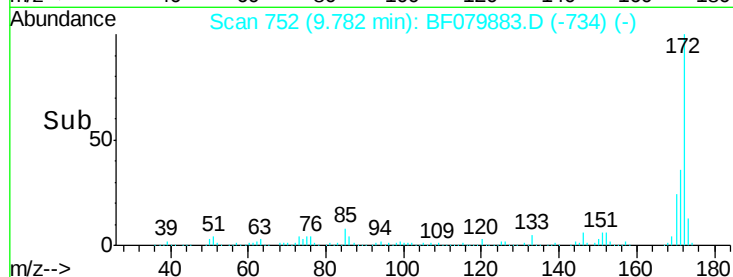
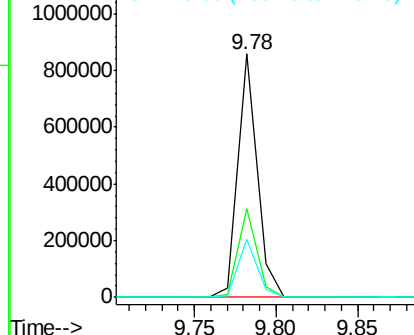
#44
2-Fluorobiphenyl
Concen: 95.65 ng
RT: 9.78 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF079883.D
Acq: 11 Jun 2015 2:02

Instrument :
BNA_F
ClientSampleId :
S3

Tgt Ion:172 Resp: 694135
Ion Ratio Lower Upper
172 100
171 36.2 28.5 42.7
170 24.0 18.8 28.2

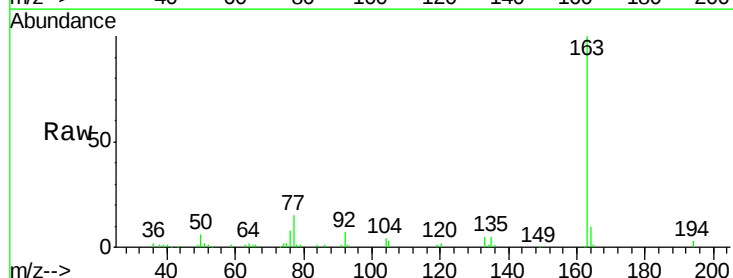


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

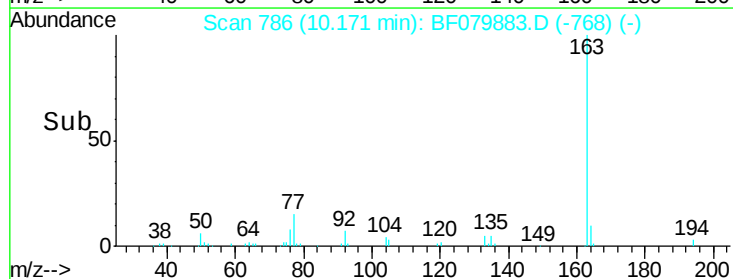
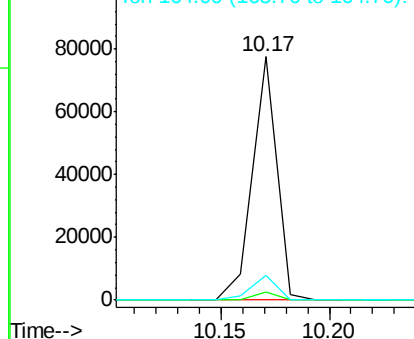


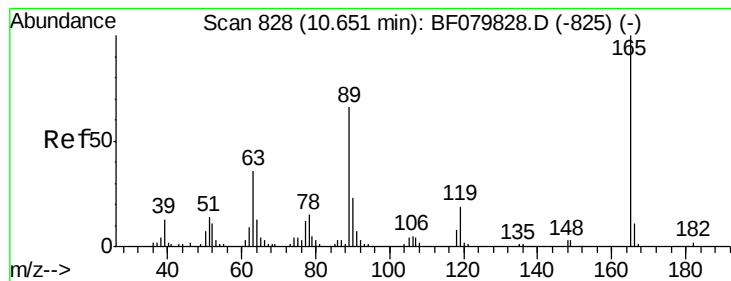
#49
Dimethylphthalate
Concen: 7.58 ng
RT: 10.17 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF079883.D
Acq: 11 Jun 2015 2:02

Tgt Ion:163 Resp: 60275
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.2 7.9 11.9



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

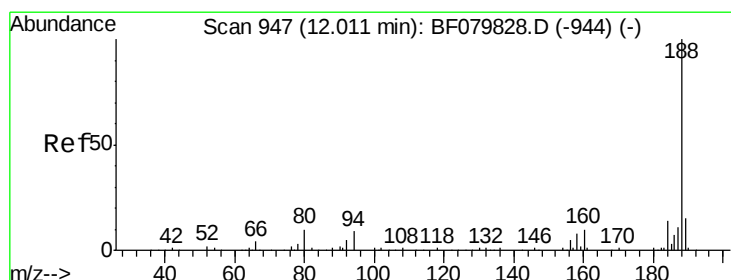
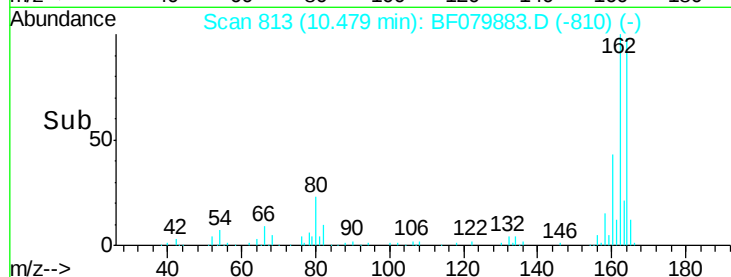
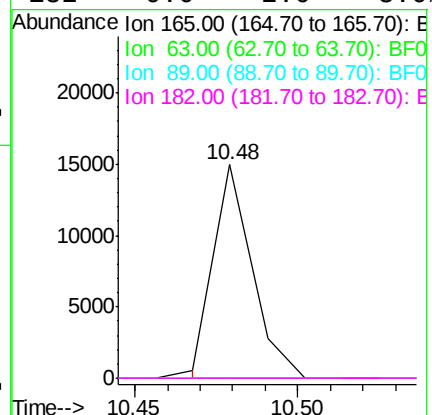
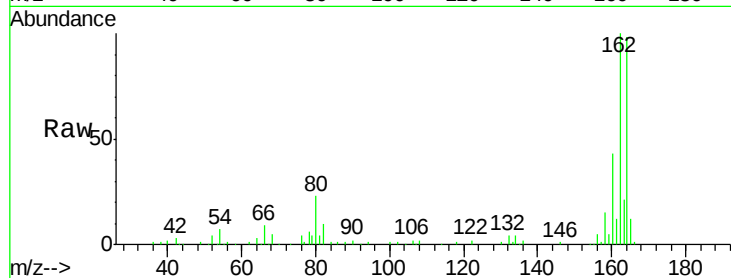




#56
 2,4-Dinitrotoluene
 Concen: 12.01 ng
 RT: 10.48 min Scan# 813
 Delta R.T. -0.17 min
 Lab File: BF079883.D
 Acq: 11 Jun 2015 2:02

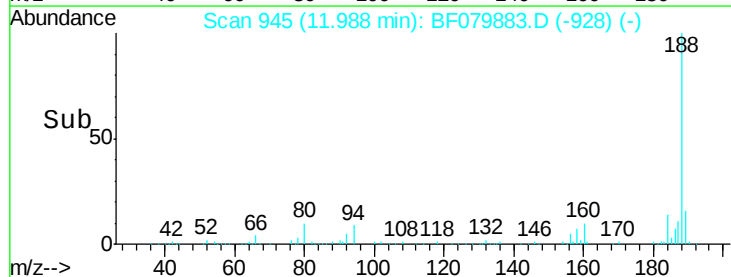
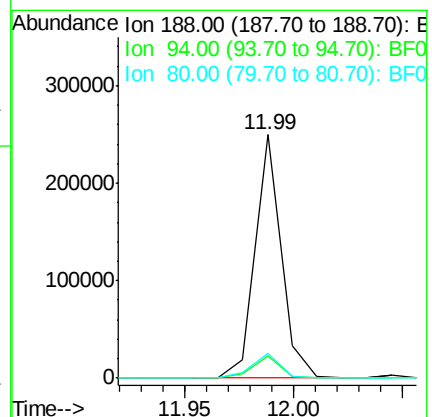
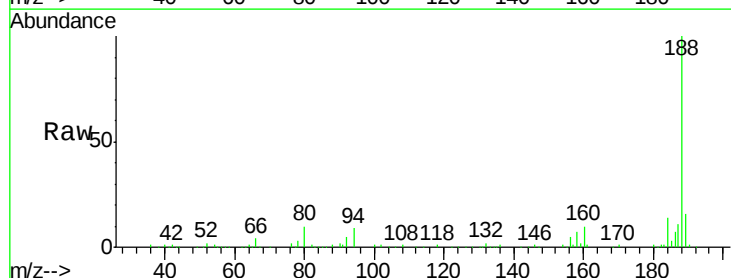
Instrument :
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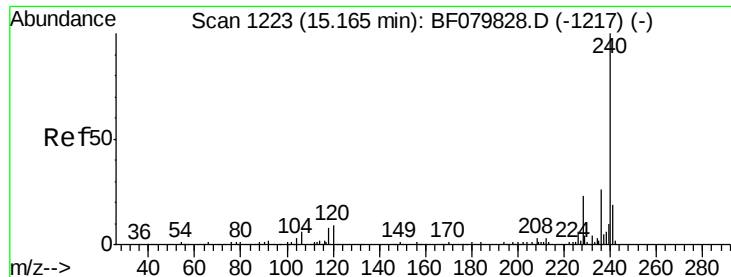
Tgt Ion:	165	Resp:	12169
Ion	Ratio	Lower	Upper
165	100		
63	0.0	24.4	36.6#
89	0.0	45.3	67.9#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.99 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF079883.D
 Acq: 11 Jun 2015 2:02

Tgt Ion:	188	Resp:	208617
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.4	11.0
80	10.4	8.0	12.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.96 min Scan# 1205

Delta R.T. -0.11 min

Lab File: BF079883.D

Acq: 11 Jun 2015 2:02

Instrument :

BNA_F

ClientSampleId :

S3

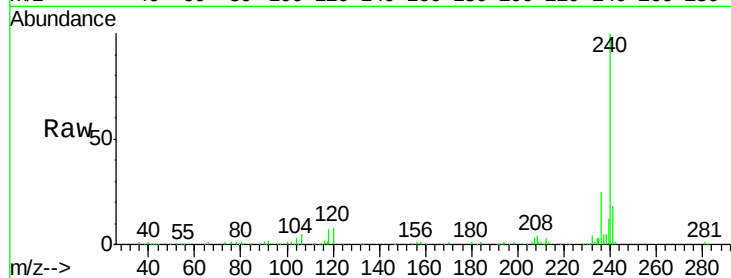
Tgt Ion:240 Resp: 210095

Ion Ratio Lower Upper

240 100

120 7.7 6.6 9.8

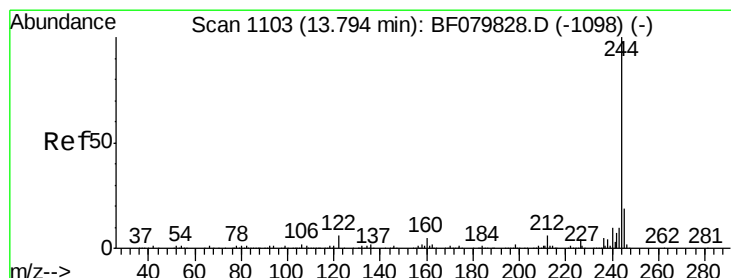
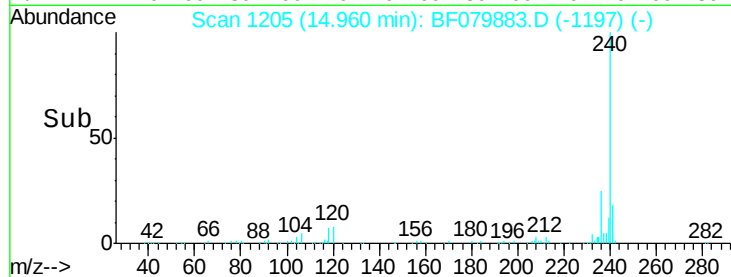
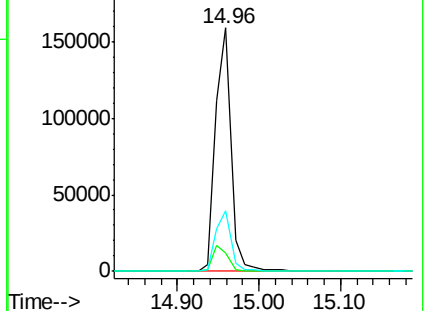
236 25.0 20.2 30.4



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: 91.71 ng

RT: 13.68 min Scan# 1093

Delta R.T. -0.06 min

Lab File: BF079883.D

Acq: 11 Jun 2015 2:02

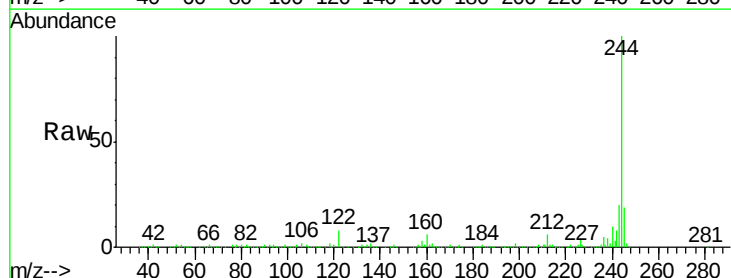
Tgt Ion:244 Resp: 854729

Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

122 7.7 8.2 12.2#



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

