

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
 Data File : BF078493.D
 Acq On : 14 Apr 2015 8:56
 Operator : TP/IZ
 Sample : G1787-07
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD03A

Quant Time: Apr 14 08:34:01 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 07:58:00 2015
 Response via : Initial Calibration

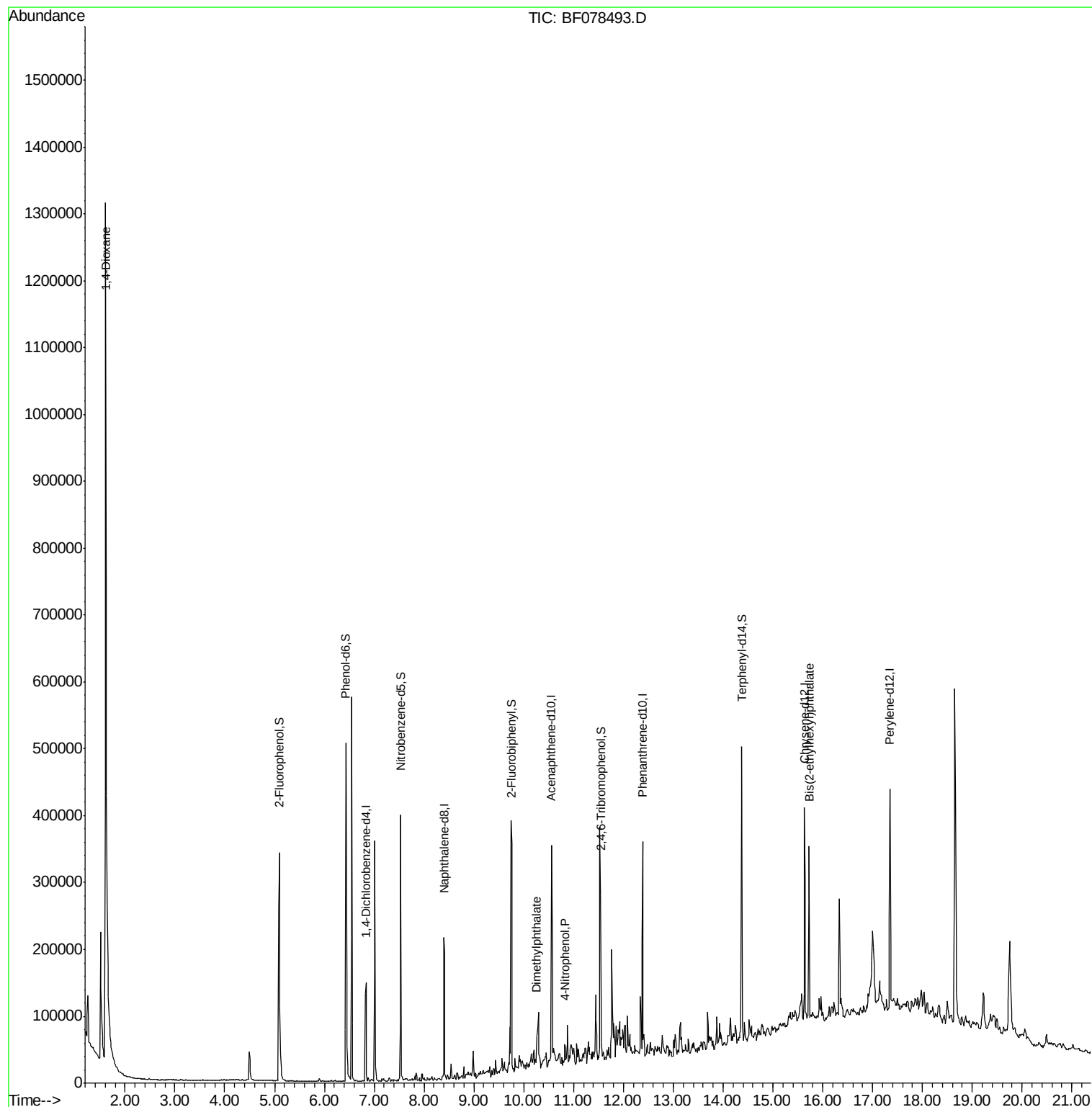
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	33487	20.00	ng	0.00
21) Naphthalene-d8	8.40	136	140266	20.00	ng	-0.01
38) Acenaphthene-d10	10.56	164	71178	20.00	ng	-0.01
63) Phenanthrene-d10	12.39	188	139617	20.00	ng	0.00
75) Chrysene-d12	15.63	240	146899	20.00	ng	-0.01
86) Perylene-d12	17.35	264	147202	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	158640	78.11	ng	0.02
7) Phenol-d6	6.43	99	207754	81.62	ng	0.00
23) Nitrobenzene-d5	7.53	82	126344	54.60	ng	0.00
41) 2,4,6-Tribromophenol	11.54	330	50741	85.95	ng	0.00
44) 2-Fluorobiphenyl	9.76	172	182074	36.56	ng	0.00
78) Terphenyl-d14	14.38	244	196406	30.21	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.61	88	55466	60.39	ng	# 23
49) Dimethylphthalate	10.26	163	14337	2.68	ng	# 96
55) 4-Nitrophenol	10.82	139	846	3.65	ng	# 40
83) Bis(2-ethylhexyl)phthalate	15.73	149	102714	18.63	ng	98

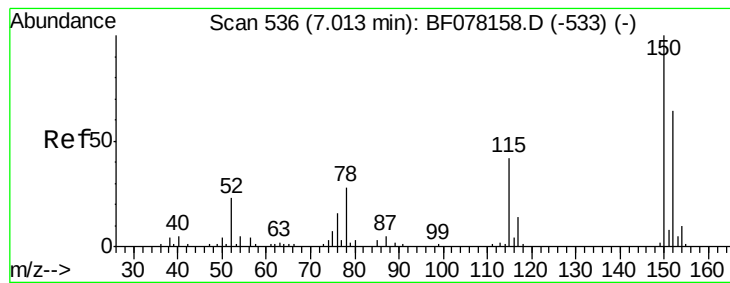
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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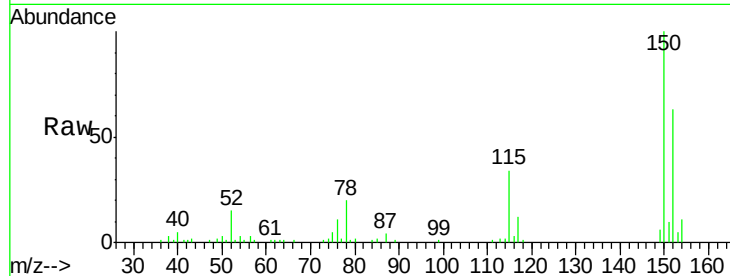




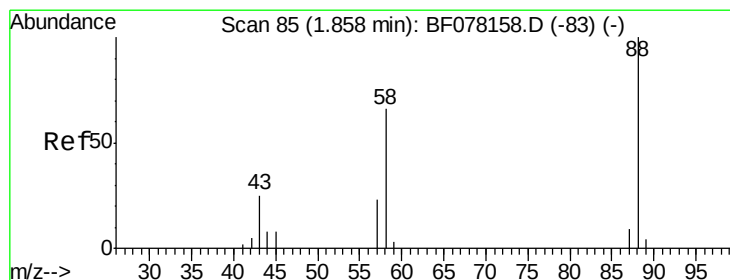
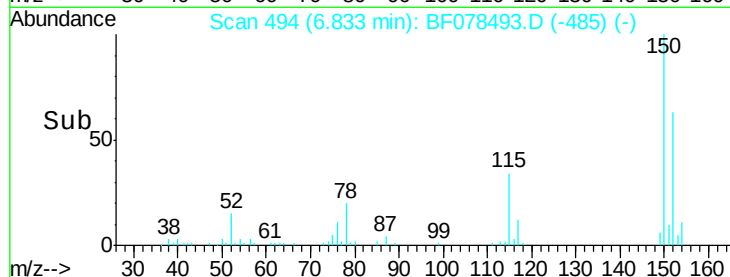
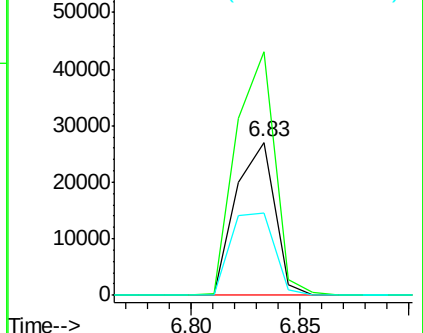
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 494
 Delta R.T. -0.00 min
 Lab File: BF078493.D
 Acq: 14 Apr 2015 8:56

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD03A

Tgt Ion:152 Resp: 33487
 Ion Ratio Lower Upper
 152 100
 150 158.7 125.9 188.9
 115 53.9 52.7 79.1

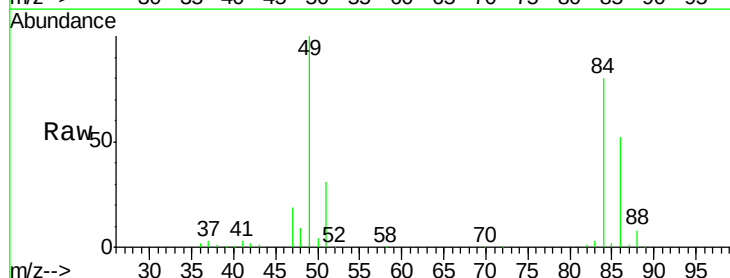


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

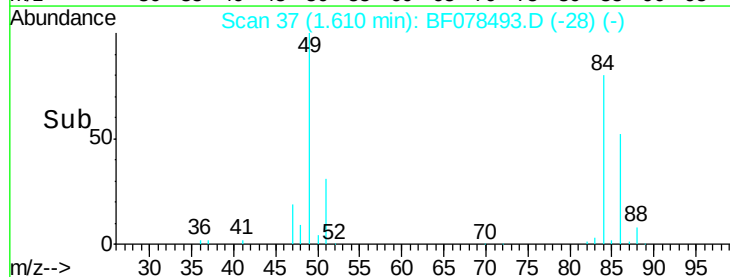
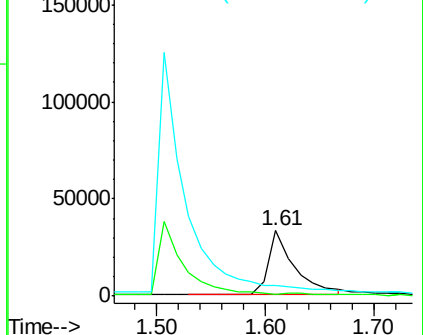


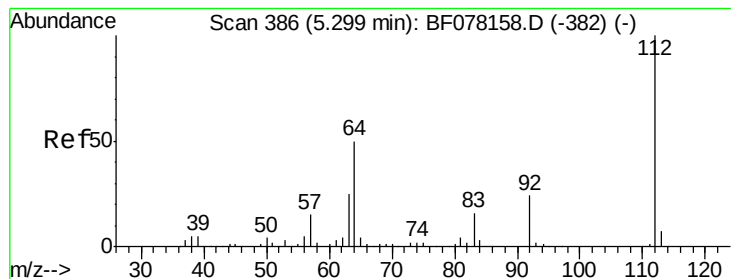
#2
 1,4-Dioxane
 Concen: 60.39 ng
 RT: 1.61 min Scan# 37
 Delta R.T. -0.00 min
 Lab File: BF078493.D
 Acq: 14 Apr 2015 8:56

Tgt Ion: 88 Resp: 55466
 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

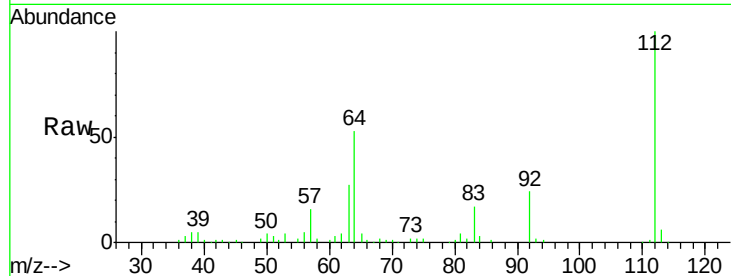




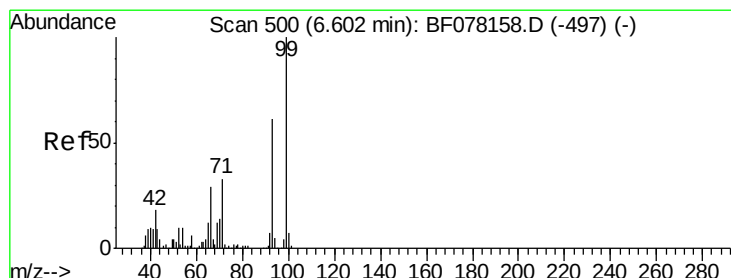
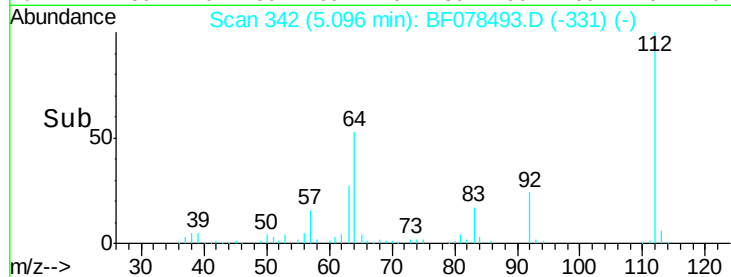
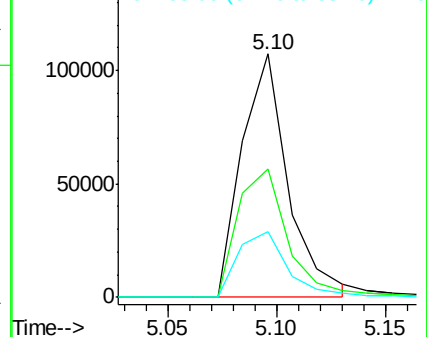
#5
 2-Fluorophenol
 Concen: 78.11 ng
 RT: 5.10 min Scan# 342
 Delta R.T. 0.02 min
 Lab File: BF078493.D
 Acq: 14 Apr 2015 8:56

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD03A

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.7	39.9	59.9
63	27.0	20.2	30.4

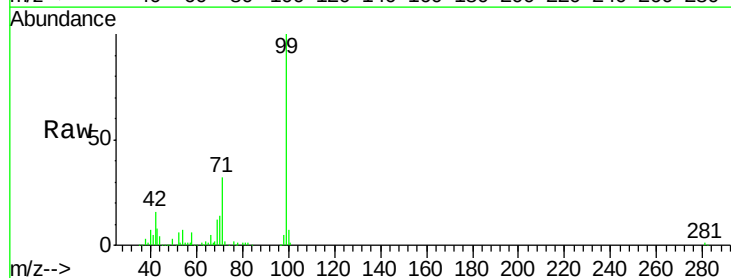


Abundance Ion 112.00 (111.70 to 112.70): BF078158.D (-382) (-)

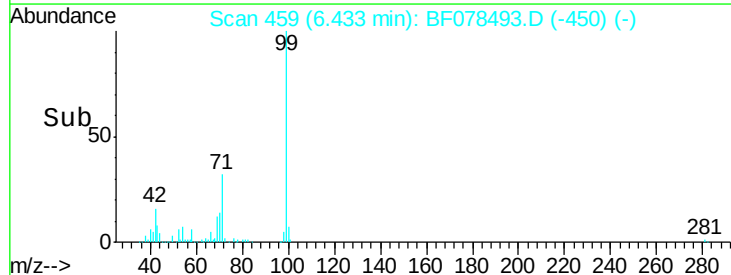
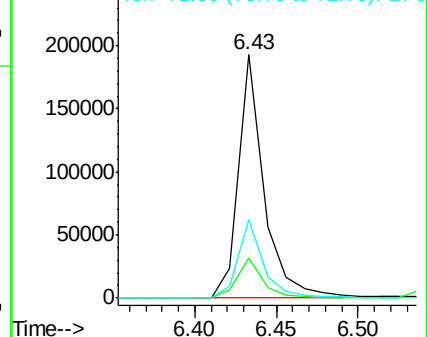


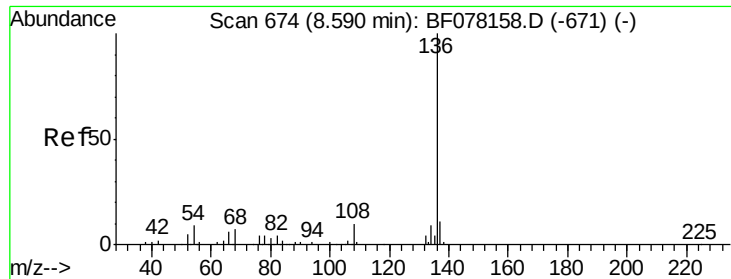
#7
 Phenol-d6
 Concen: 81.62 ng
 RT: 6.43 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: BF078493.D
 Acq: 14 Apr 2015 8:56

Tgt Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.8	22.2
71	32.0	26.6	39.8



Abundance Ion 99.00 (98.70 to 99.70): BF078158.D (-497) (-)

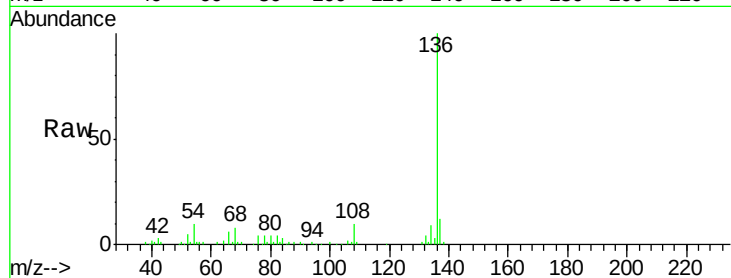




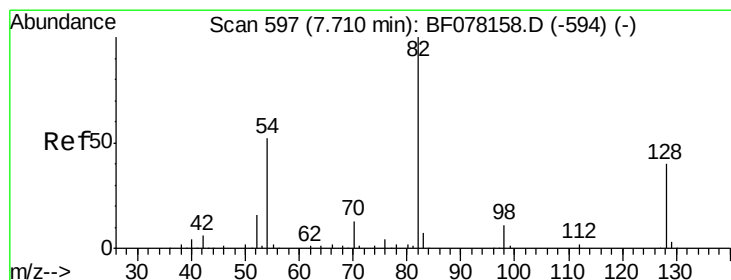
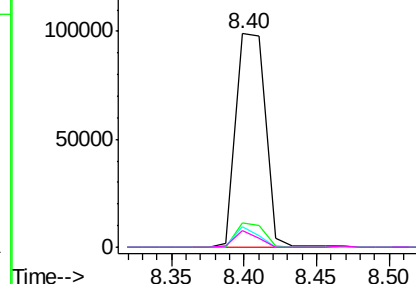
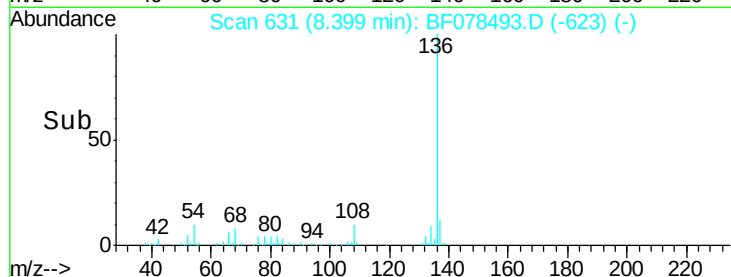
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.40 min Scan# 631
Delta R.T. -0.01 min
Lab File: BF078493.D
Acq: 14 Apr 2015 8:56

Instrument :
BNA_F
ClientSampleId :
LS-SD03A

Tgt Ion:	136	Resp:	140266
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	9.6	7.0	10.6
68	7.5	5.4	8.2

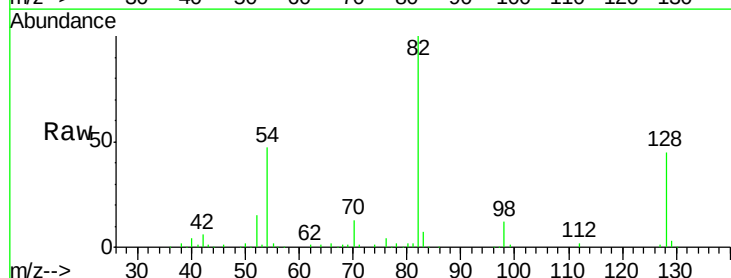


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

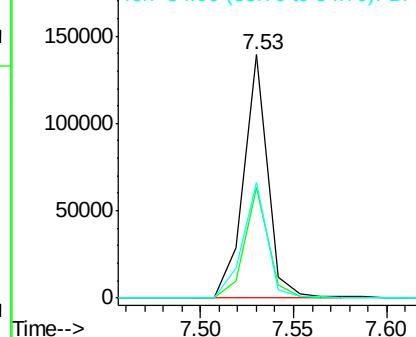
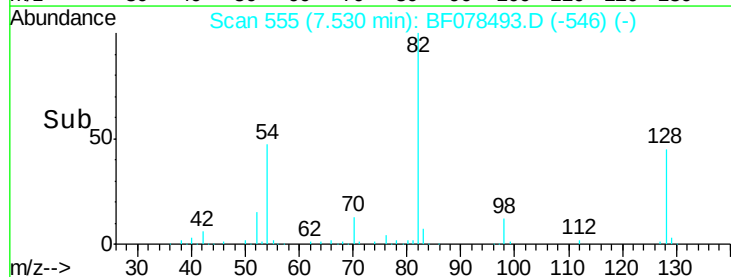


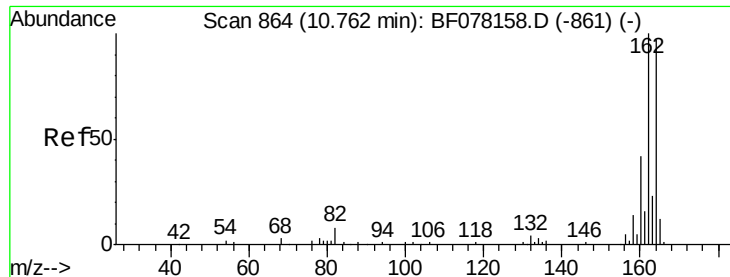
#23
Nitrobenzene-d5
Concen: 54.60 ng
RT: 7.53 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF078493.D
Acq: 14 Apr 2015 8:56

Tgt Ion:	82	Resp:	126344
Ion	Ratio	Lower	Upper
82	100		
128	45.4	31.8	47.8
54	47.4	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: BF078493.D

Acq: 14 Apr 2015 8:56

Instrument :

BNA_F

ClientSampleId :

LS-SD03A

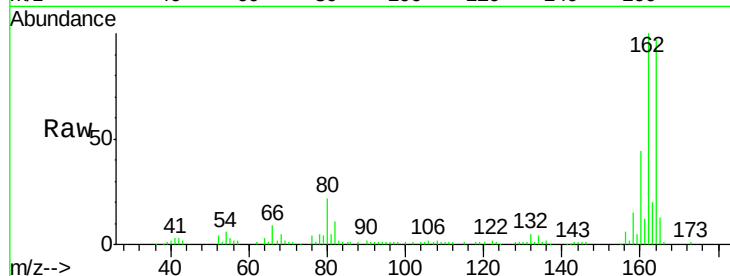
Tgt Ion:164 Resp: 71178

Ion Ratio Lower Upper

164 100

162 103.1 82.2 123.2

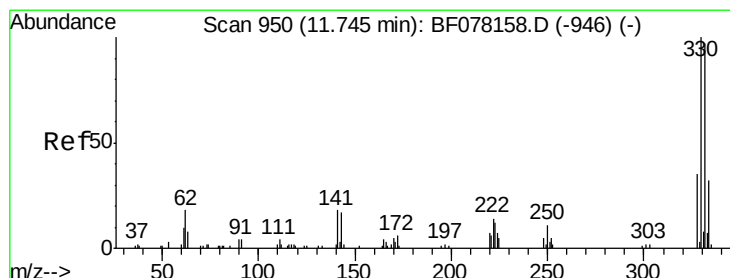
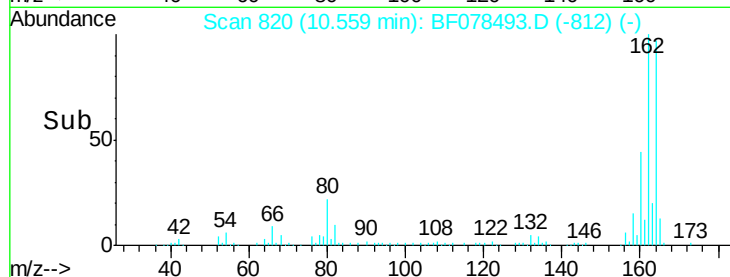
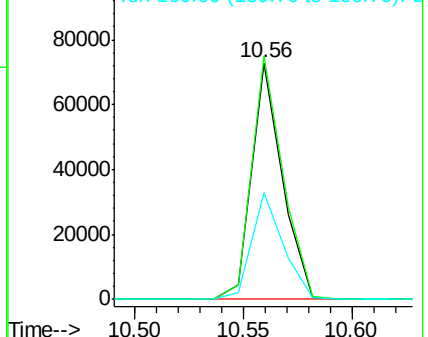
160 45.2 34.7 52.1



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: 85.95 ng

RT: 11.54 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF078493.D

Acq: 14 Apr 2015 8:56

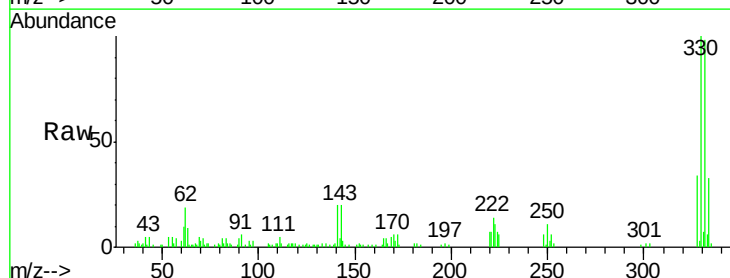
Tgt Ion:330 Resp: 50741

Ion Ratio Lower Upper

330 100

332 97.5 78.6 117.8

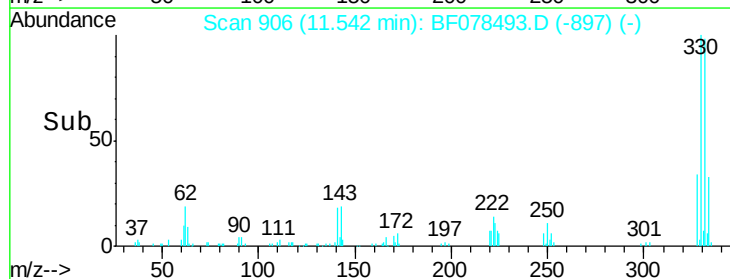
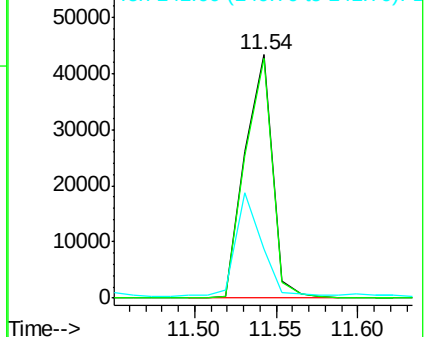
141 40.4 31.2 46.8

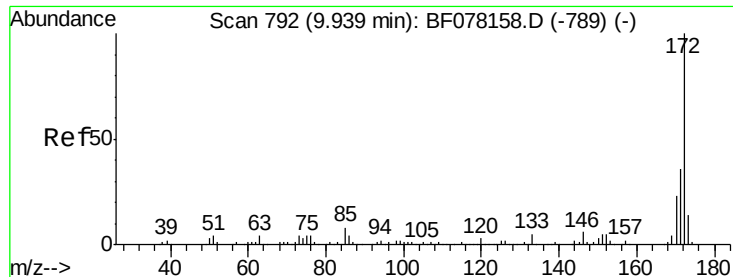


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

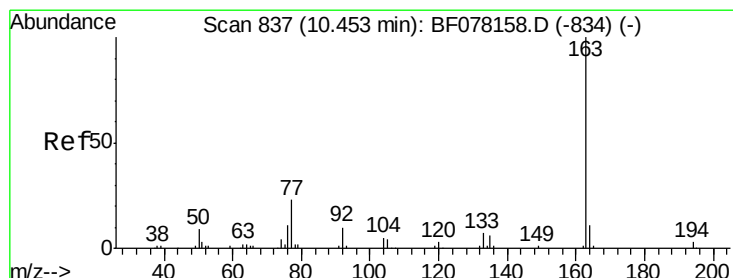
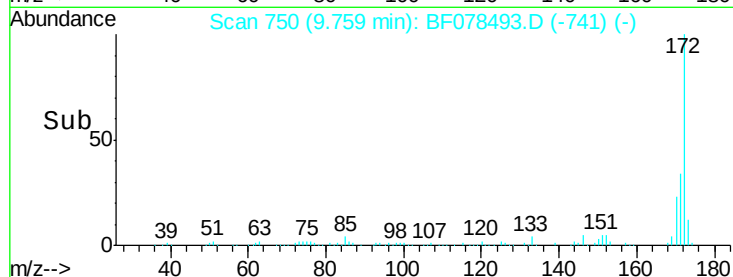
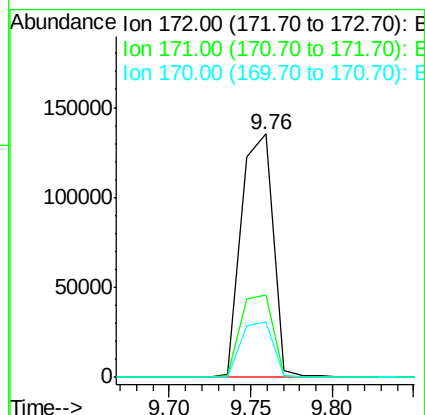
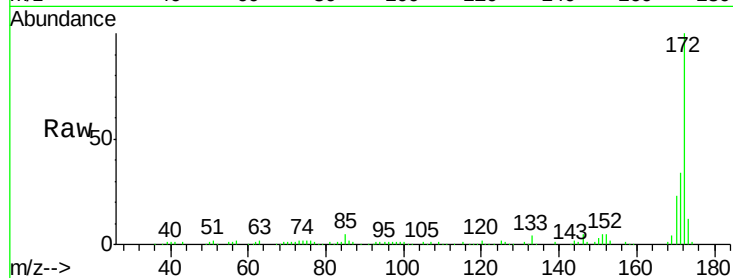




#44
2-Fluorobiphenyl
Concen: 36.56 ng
RT: 9.76 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF078493.D
Acq: 14 Apr 2015 8:56

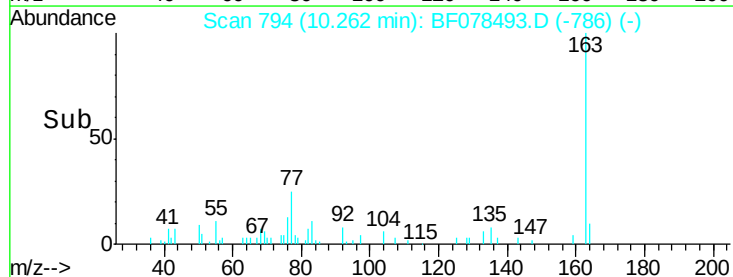
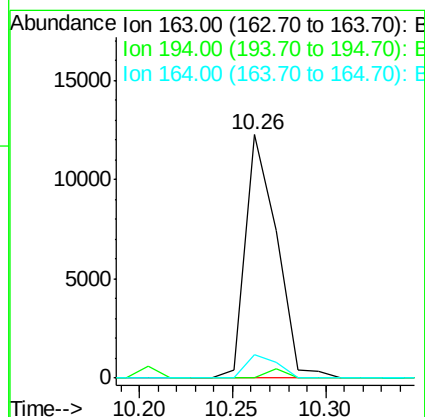
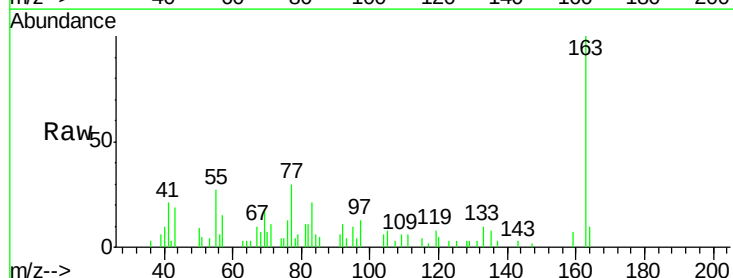
Instrument :
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LS-SD03A

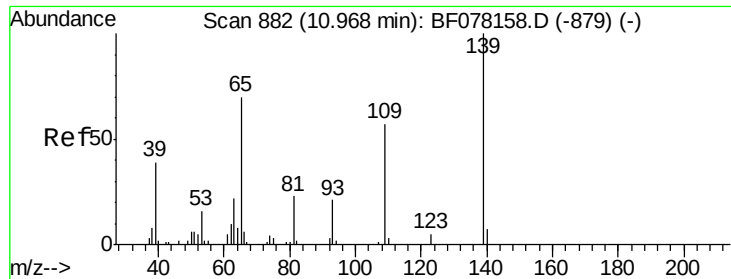
Tgt Ion:172 Resp: 182074
Ion Ratio Lower Upper
172 100
171 33.7 28.6 42.8
170 22.8 18.5 27.7



#49
Dimethylphthalate
Concen: 2.68 ng
RT: 10.26 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF078493.D
Acq: 14 Apr 2015 8:56

Tgt Ion:163 Resp: 14337
Ion Ratio Lower Upper
163 100
194 0.0 2.3 3.5#
164 9.8 8.6 13.0

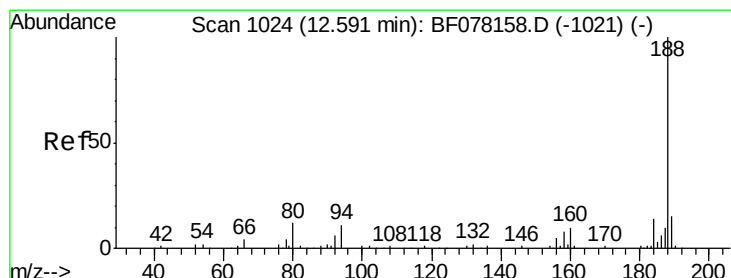
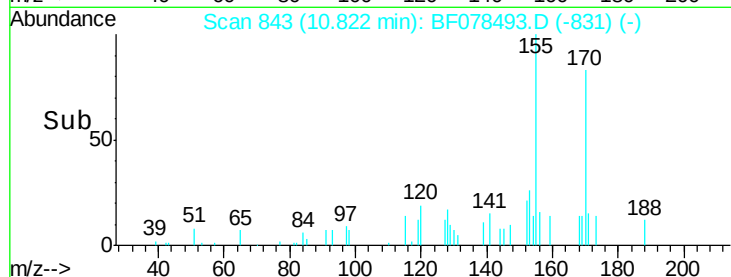
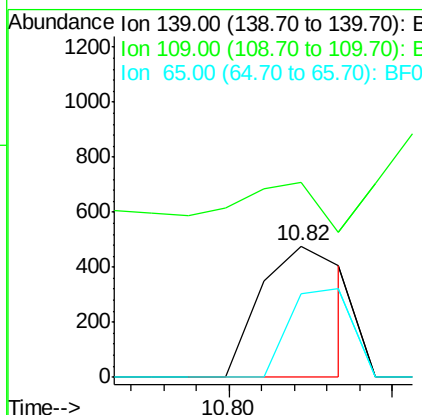
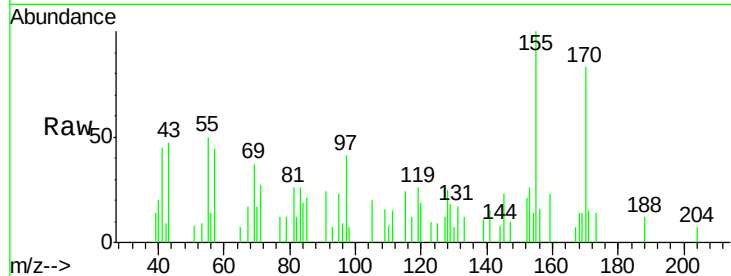




#55
 4-Nitrophenol
 Concen: 3.65 ng
 RT: 10.82 min Scan# 843
 Delta R.T. 0.03 min
 Lab File: BF078493.D
 Acq: 14 Apr 2015 8:56

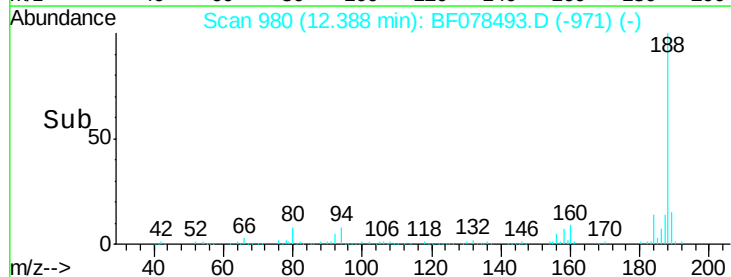
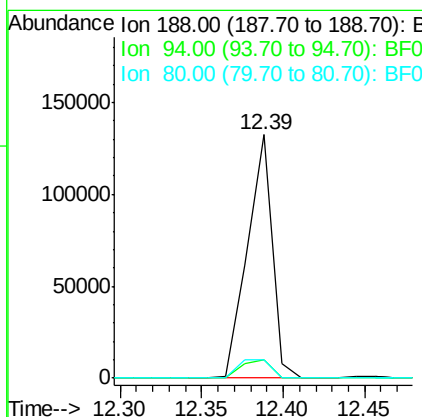
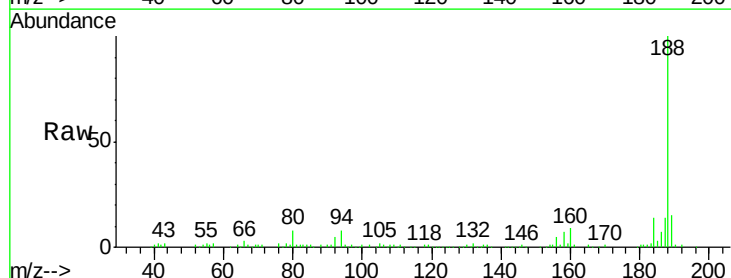
Instrument :
 BNA_F
 ClientSampled :
 LS-SD03A

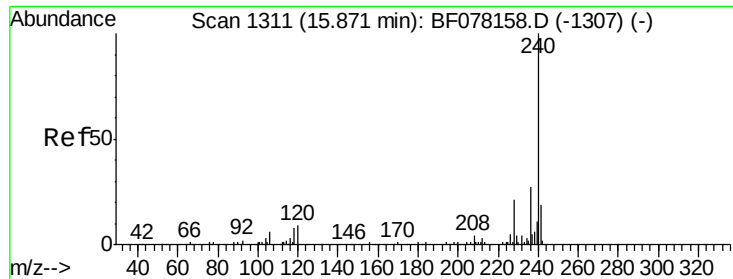
Tgt Ion:139 Resp: 846
 Ion Ratio Lower Upper
 139 100
 109 147.9 36.7 76.7#
 65 63.4 49.9 89.9



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.39 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: BF078493.D
 Acq: 14 Apr 2015 8:56

Tgt Ion:188 Resp: 139617
 Ion Ratio Lower Upper
 188 100
 94 7.7 9.0 13.4#
 80 7.6 9.5 14.3#

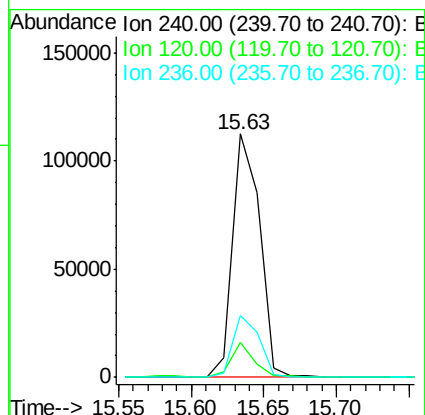
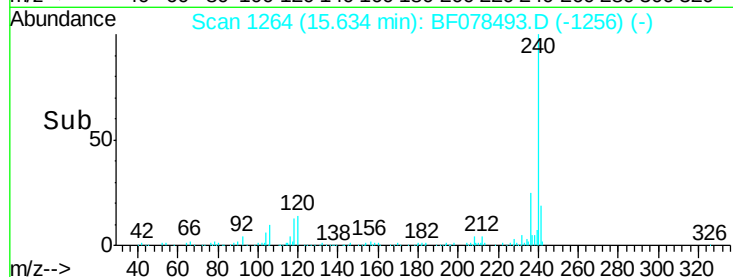
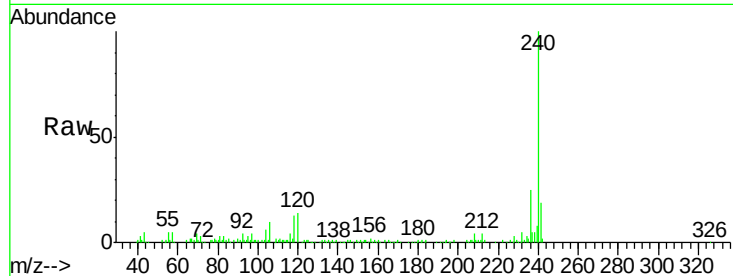




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF078493.D
Acq: 14 Apr 2015 8:56

Instrument :
BNA_F
ClientSampleId :
LS-SD03A

Tgt Ion:	240	Resp:	146899
Ion	Ratio	Lower	Upper
240	100		
120	14.2	7.1	10.7#
236	25.2	21.4	32.2



Ref

#78
Terphenyl-d14
Concen: 30.21 ng
RT: 14.38 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF078493.D
Acq: 14 Apr 2015 8:56

Tgt Ion:	244	Resp:	196406
Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.0	7.4
122	8.0	7.1	10.7

Raw

Sub

Ref

#83
Bis(2-ethylhexyl)phthalate
Concen: 18.63 ng
RT: 15.73 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BF078493.D
Acq: 14 Apr 2015 8:56

Instrument :
BNA_F
ClientSampleId :
LS-SD03A

Raw

Tgt	Ion	Ratio	Lower	Upper
	149	100		
	167	26.5	22.2	33.2
	279	3.6	3.2	4.8

Sub