

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051515\
 Data File : BF079270.D
 Acq On : 15 May 2015 15:23
 Operator : TP/IZ
 Sample : G2231-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-A

Quant Time: May 15 23:16:21 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 22:54:46 2015
 Response via : Initial Calibration

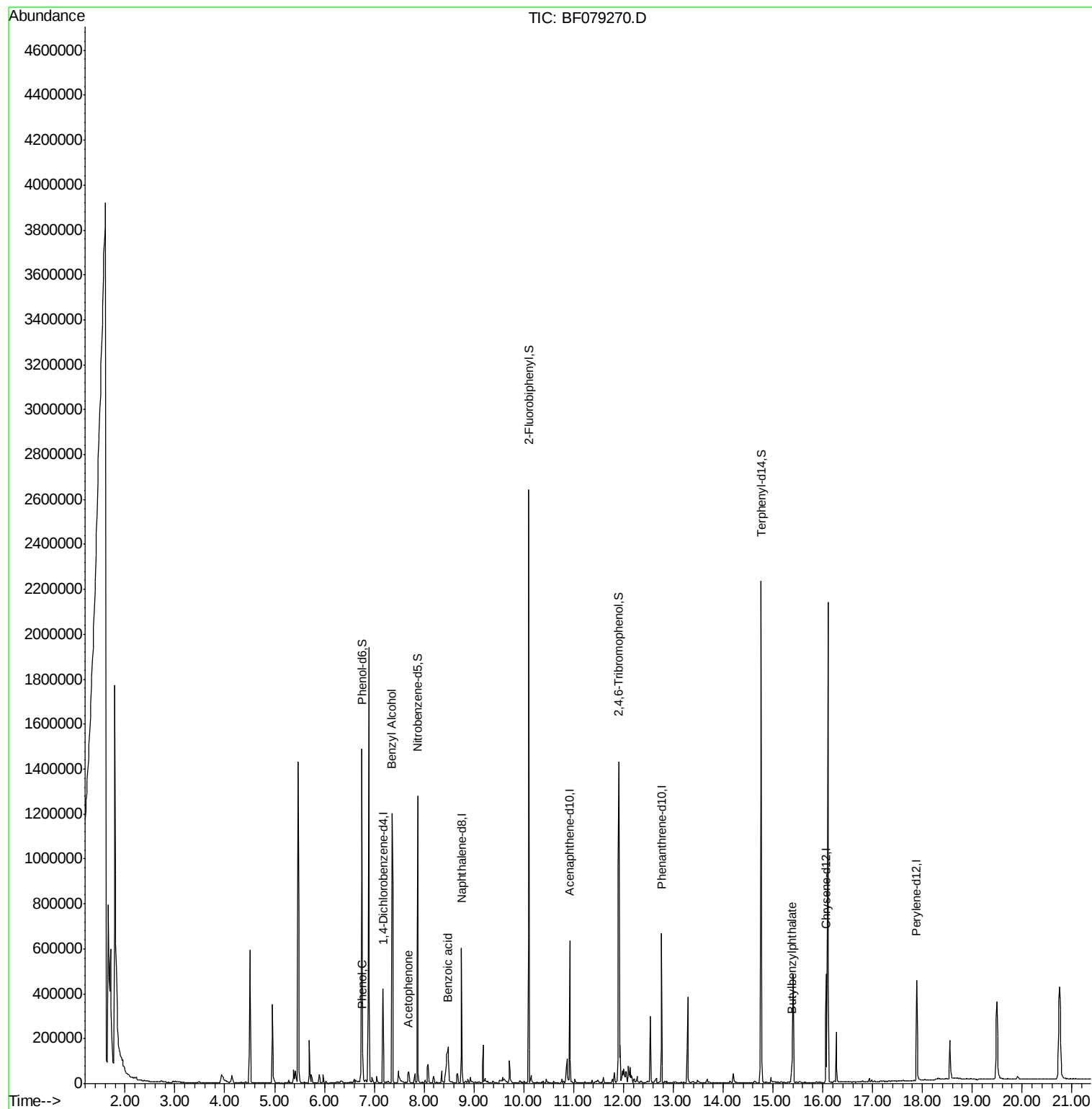
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	62675	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	261658	20.00	ng	0.00
38) Acenaphthene-d10	10.92	164	126699	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	243653	20.00	ng	0.00
75) Chrysene-d12	16.07	240	220264	20.00	ng	-0.02
86) Perylene-d12	17.89	264	204577	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.75	99	655699	136.24	ng	0.00
23) Nitrobenzene-d5	7.87	82	417931	91.80	ng	0.00
41) 2,4,6-Tribromophenol	11.91	330	207430	151.34	ng	0.00
44) 2-Fluorobiphenyl	10.10	172	811833	89.27	ng	0.00
78) Terphenyl-d14	14.77	244	890910	96.84	ng	0.00
Target Compounds						
10) Phenol	6.76	94	14793	2.65	ng	Qvalue 91
15) Benzyl Alcohol	7.36	79	7180	2.01	ng	# 51
22) Acetophenone	7.69	105	19901	3.37	ng	# 84
32) Benzoic acid	8.48	122	73511	33.58	ng	97
79) Butylbenzylphthalate	15.38	149	30647	5.52	ng	89

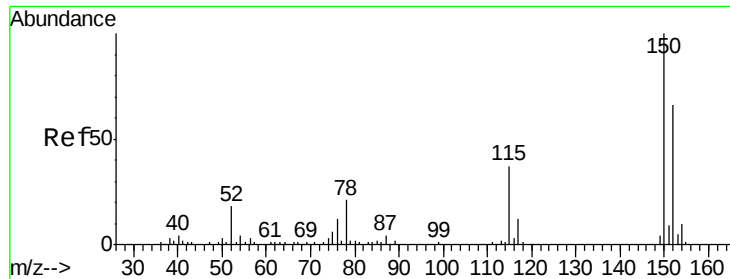
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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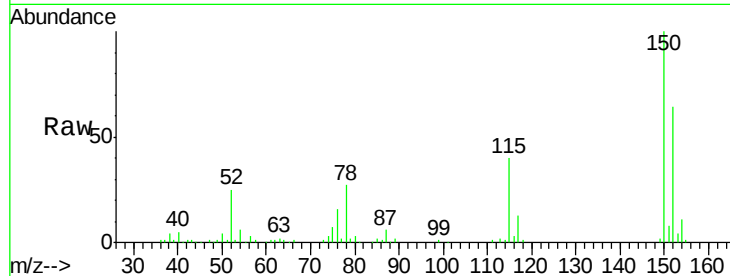




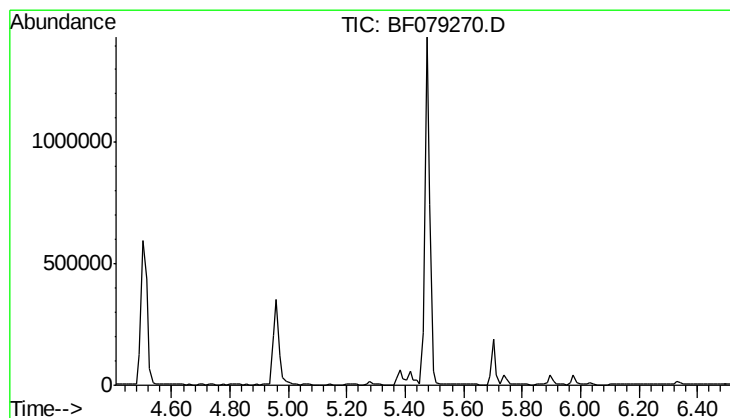
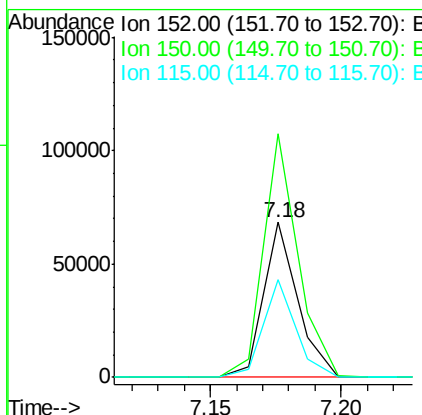
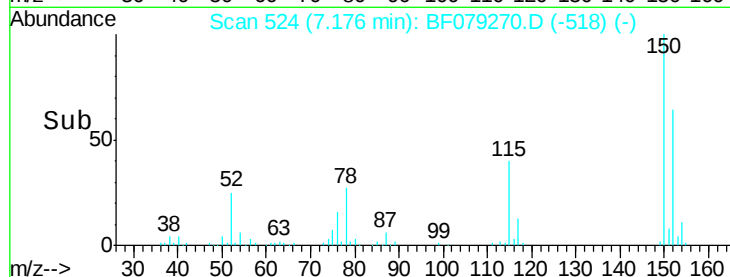
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.18 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: BF079270.D
 Acq: 15 May 2015 15:23

Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-A

Tgt Ion	Resp	Lower	Upper
152	62675		
150	156.9	123.8	185.8
115	63.2	49.4	74.0

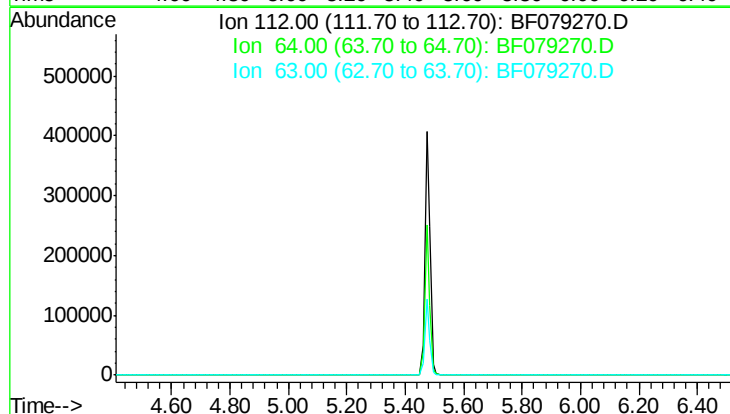


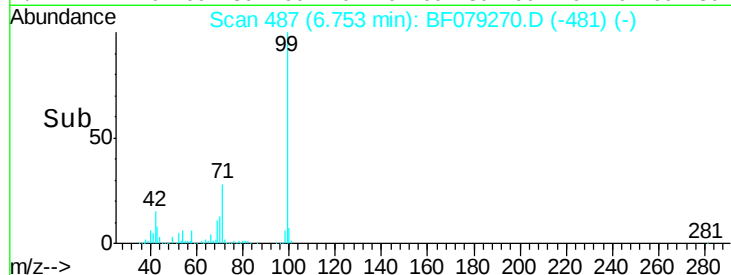
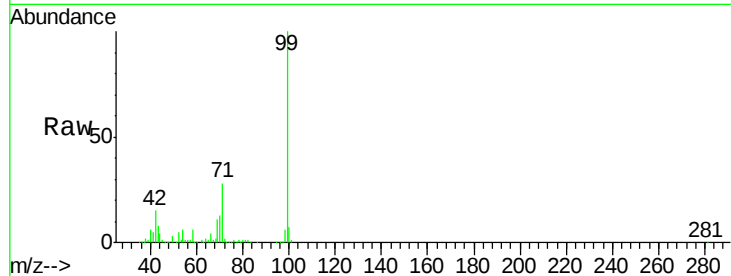
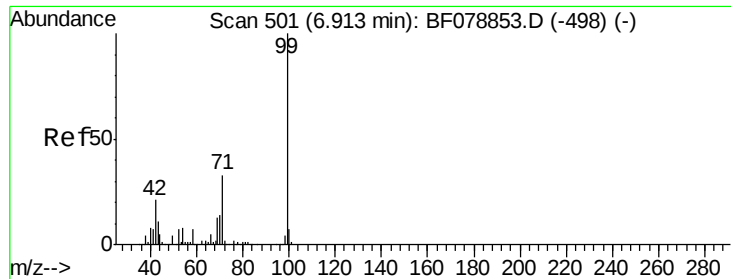
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.46 min
 Lab File: BF079270.D
 Acq: 15 May 2015 15:23

Tgt Ion	Exp Ratio
112	100
64	55.2
63	28.4





#7

Phenol-d6

Concen: 136.24 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF079270.D

Acq: 15 May 2015 15:23

Instrument :

BNA_F

ClientSampleId :

LAR9797-A

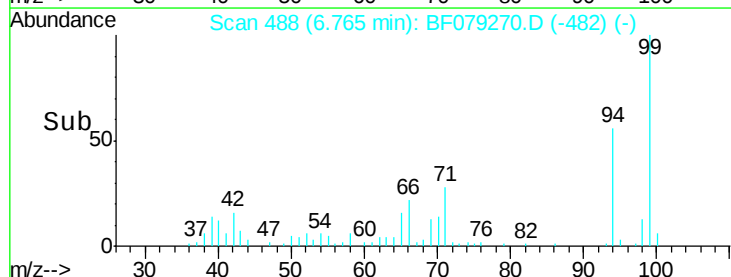
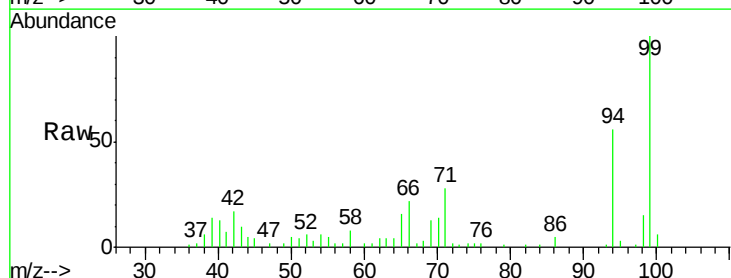
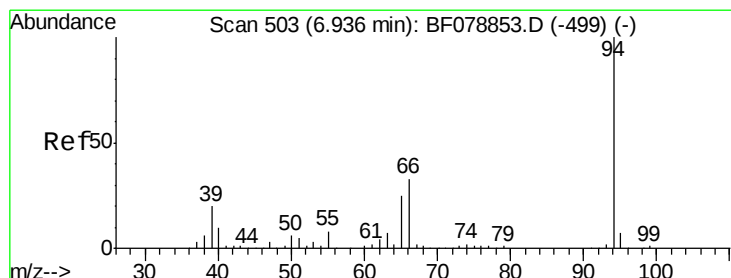
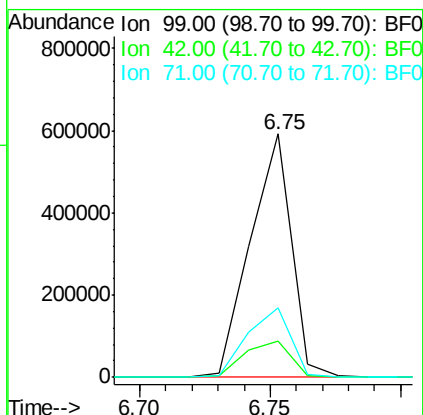
Tgt Ion: 99 Resp: 655699

Ion Ratio Lower Upper

99 100

42 15.0 17.1 25.7#

71 28.4 26.3 39.5



#10

Phenol

Concen: 2.65 ng

RT: 6.76 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF079270.D

Acq: 15 May 2015 15:23

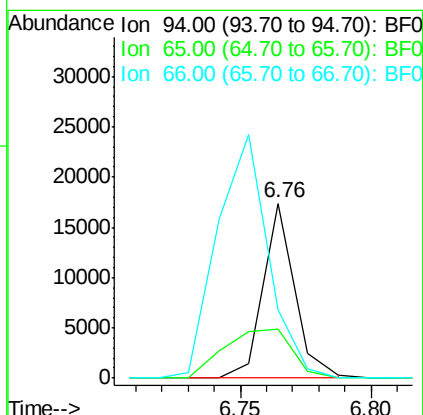
Tgt Ion: 94 Resp: 14793

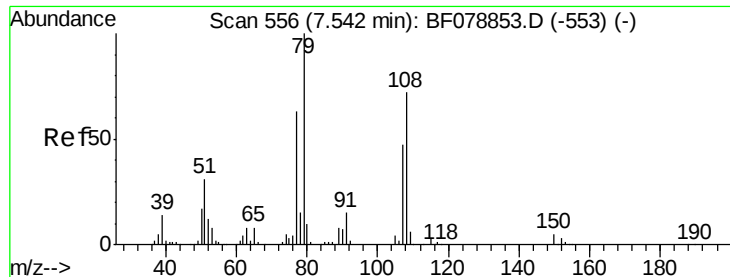
Ion Ratio Lower Upper

94 100

65 27.9 5.1 45.1

66 39.3 13.1 53.1





#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 7.36 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF079270.D

Acq: 15 May 2015 15:23

Instrument :

BNA_F

ClientSampled :

LAR9797-A

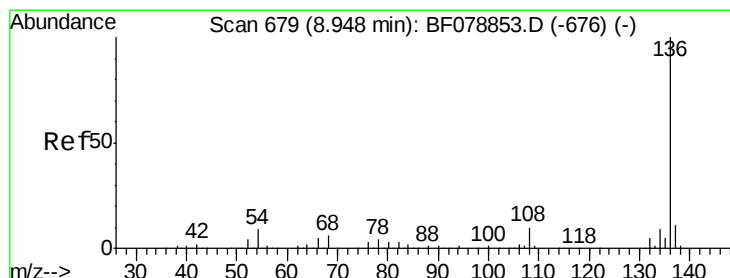
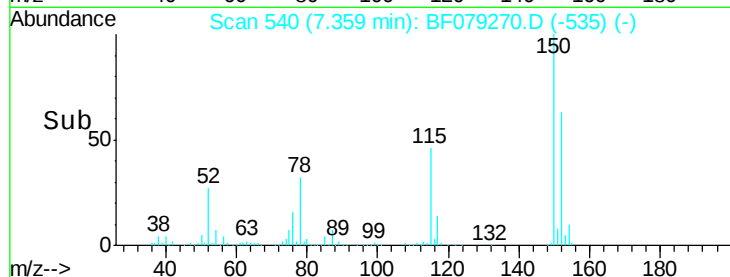
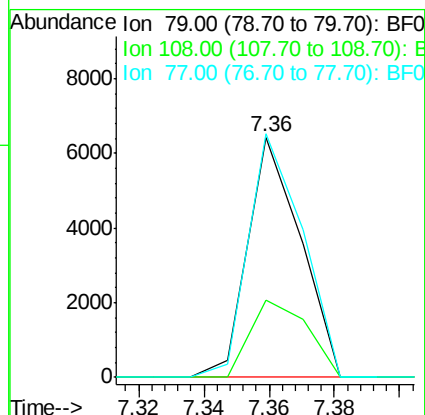
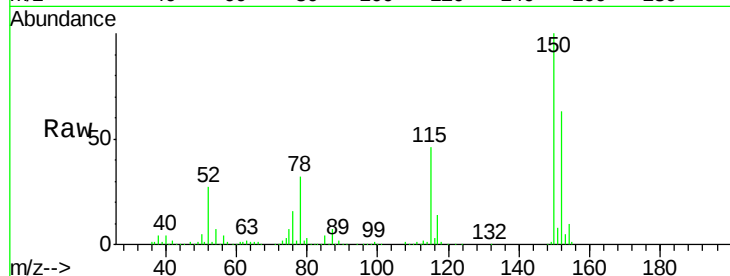
Tgt Ion: 79 Resp: 7180

Ion Ratio Lower Upper

79 100

108 32.2 57.4 86.2#

77 101.5 50.2 75.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.75 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF079270.D

Acq: 15 May 2015 15:23

Tgt Ion: 136 Resp: 261658

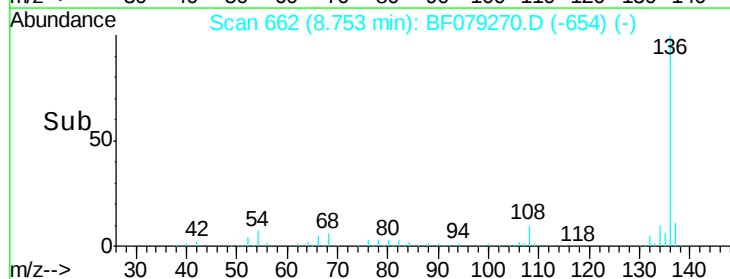
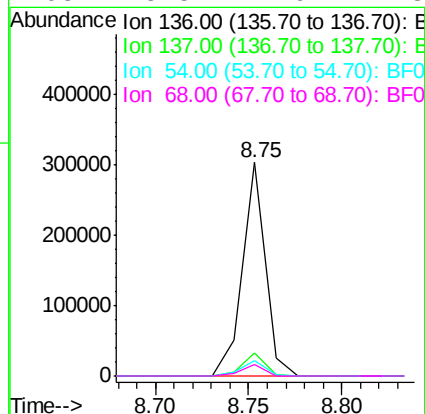
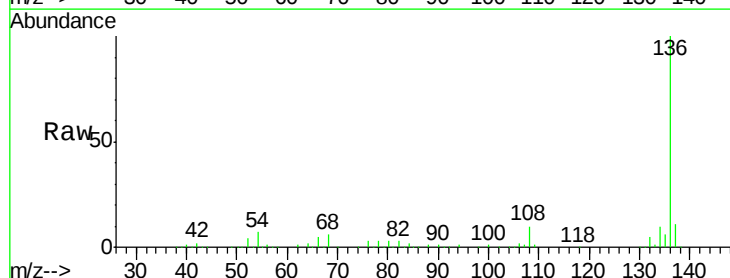
Ion Ratio Lower Upper

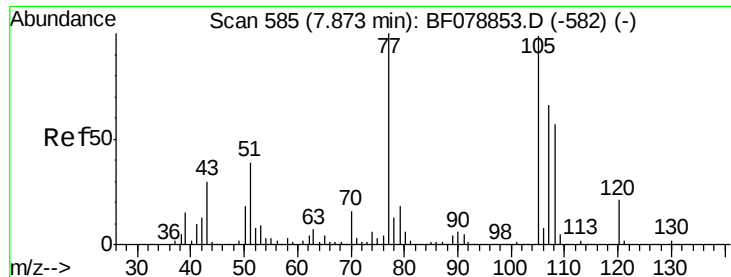
136 100

137 11.1 8.8 13.2

54 7.1 6.9 10.3

68 5.5 4.9 7.3





#22

Acetophenone

Concen: 3.37 ng

RT: 7.69 min Scan# 569

Delta R.T. 0.00 min

Lab File: BF079270.D

Acq: 15 May 2015 15:23

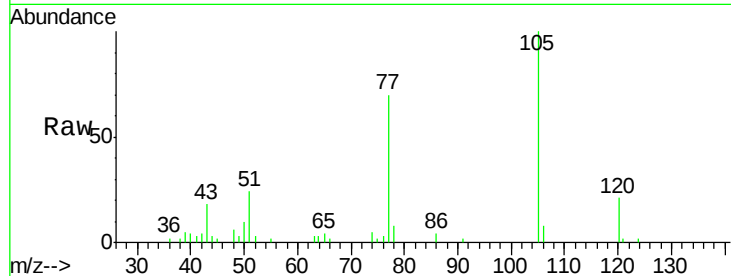
Instrument :

BNA_F

ClientSampleId :

LAR9797-A

Tgt Ion:	105	Resp:	19901
Ion Ratio	Lower	Upper	
105	100		
71	0.0	2.2	3.4#
51	23.7	31.1	46.7#
120	21.2	16.7	25.1

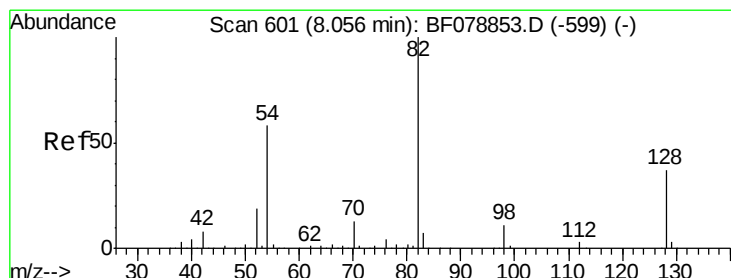
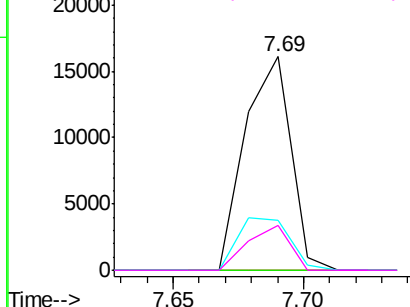
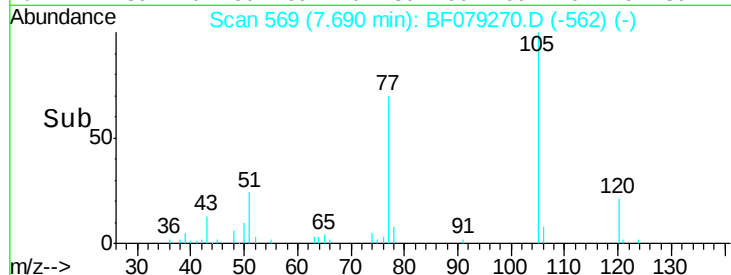


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 91.80 ng

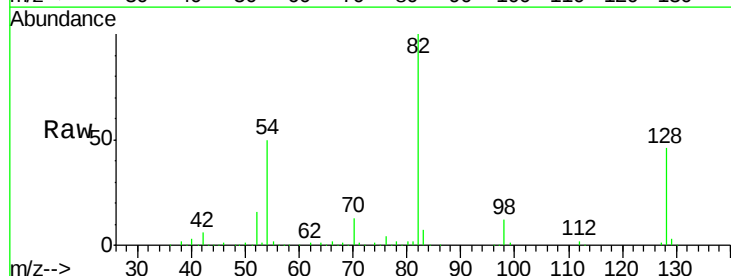
RT: 7.87 min Scan# 585

Delta R.T. 0.00 min

Lab File: BF079270.D

Acq: 15 May 2015 15:23

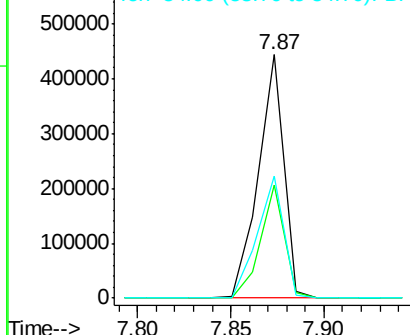
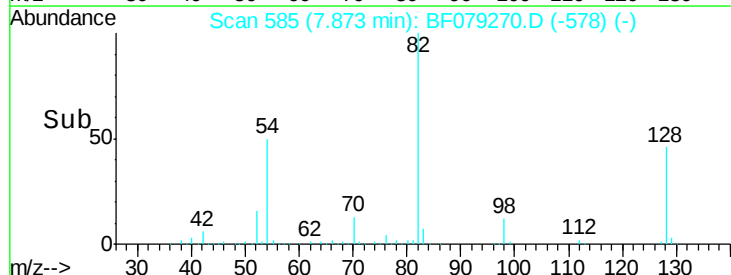
Tgt Ion:	82	Resp:	417931
Ion Ratio	Lower	Upper	
82	100		
128	46.2	29.7	44.5#
54	49.9	46.2	69.4

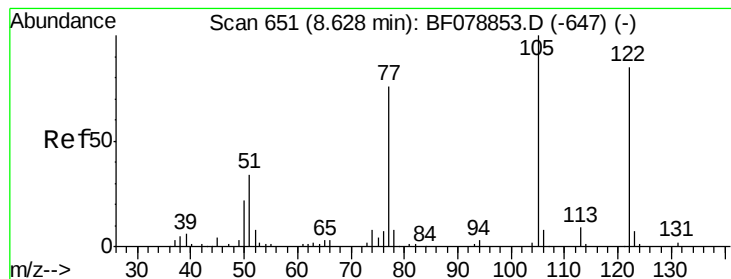


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#32

Benzoic acid

Concen: 33.58 ng

RT: 8.48 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF079270.D

Acq: 15 May 2015 15:23

Instrument :

BNA_F

ClientSampleId :

LAR9797-A

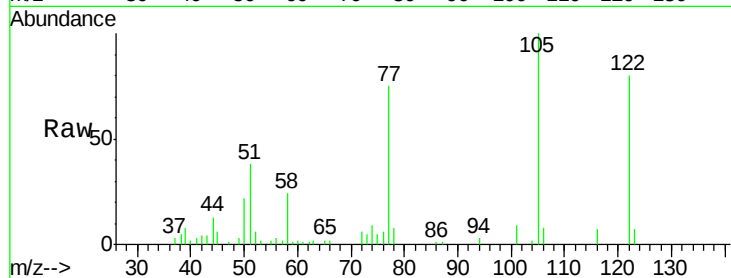
Tgt Ion:122 Resp: 73511

Ion Ratio Lower Upper

122 100

105 125.3 100.7 140.7

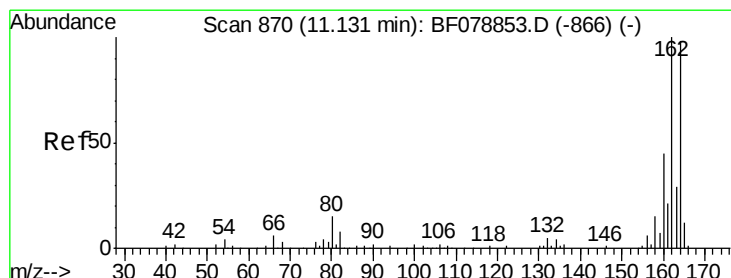
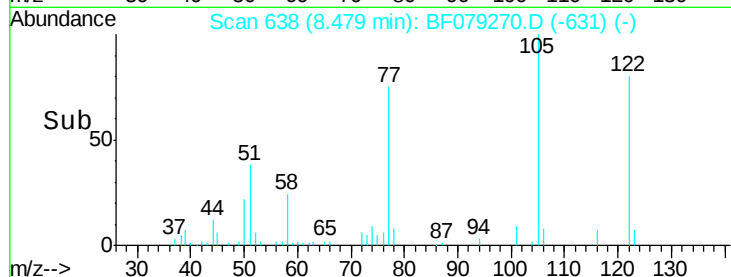
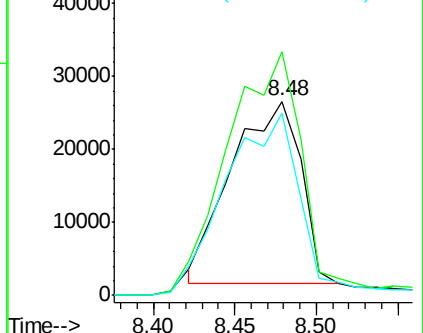
77 93.9 72.0 112.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.92 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF079270.D

Acq: 15 May 2015 15:23

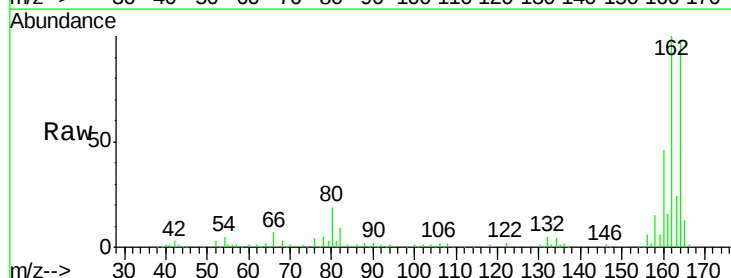
Tgt Ion:164 Resp: 126699

Ion Ratio Lower Upper

164 100

162 101.6 81.4 122.0

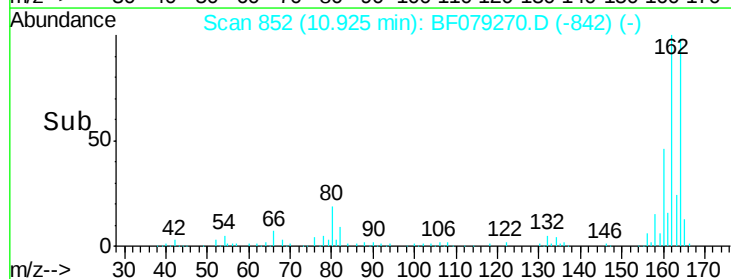
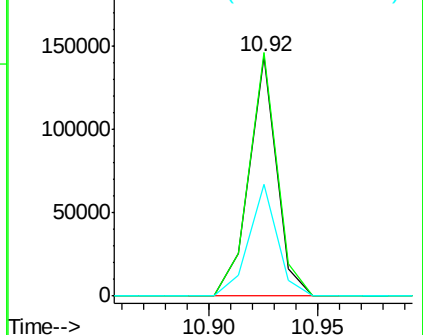
160 46.5 36.6 54.8

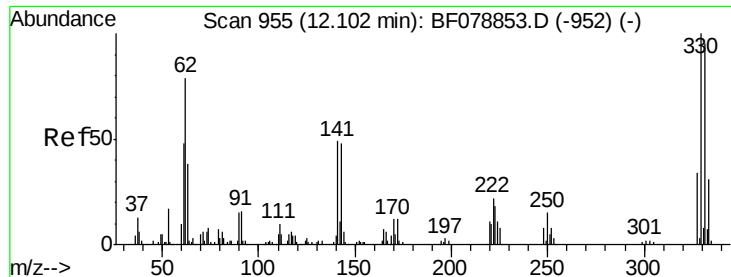


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

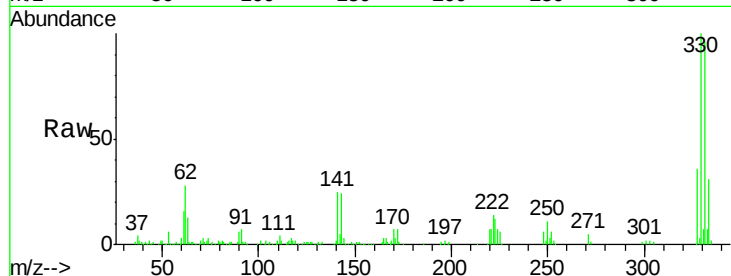




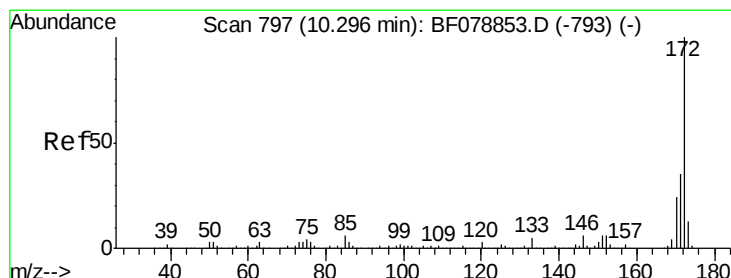
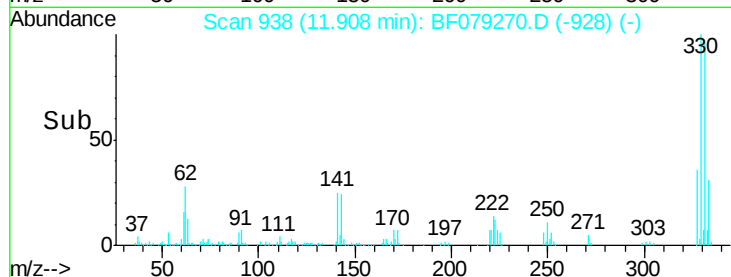
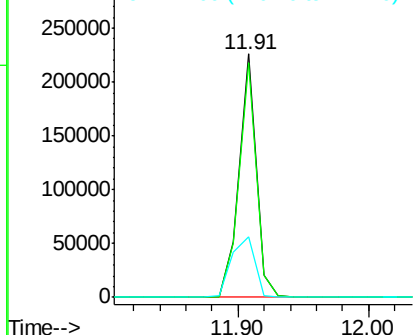
#41
 2,4,6-Tribromophenol
 Concen: 151.34 ng
 RT: 11.91 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF079270.D
 Acq: 15 May 2015 15:23

Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-A

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.9	115.3
141	33.8	27.8	41.8

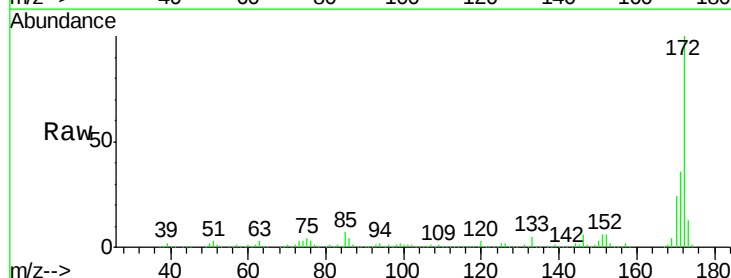


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

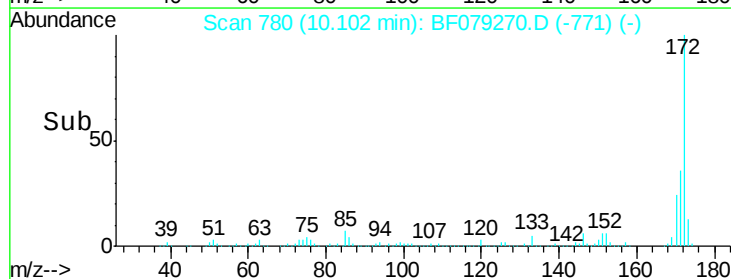
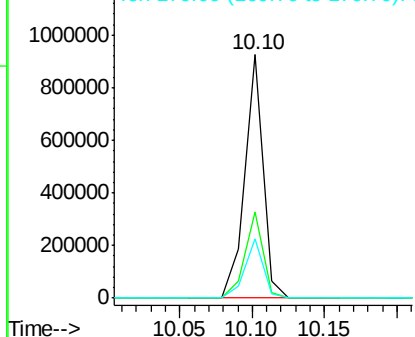


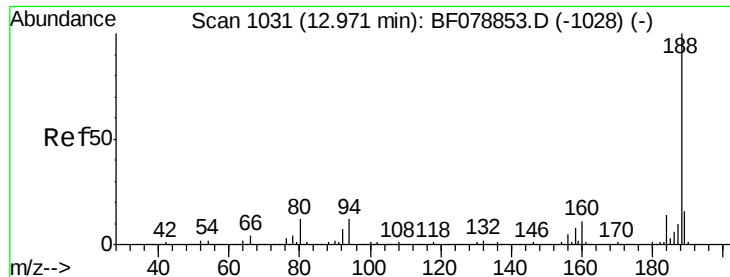
#44
 2-Fluorobiphenyl
 Concen: 89.27 ng
 RT: 10.10 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF079270.D
 Acq: 15 May 2015 15:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.3	42.5
170	24.3	19.4	29.2



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.77 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BF079270.D

Acq: 15 May 2015 15:23

Instrument :

BNA_F

ClientSampleId :

LAR9797-A

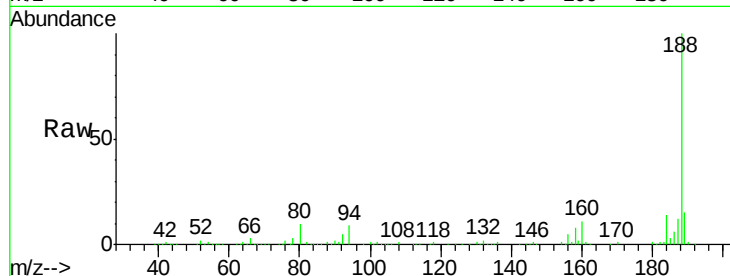
Tgt Ion:188 Resp: 243653

Ion Ratio Lower Upper

188 100

94 9.1 9.4 14.0#

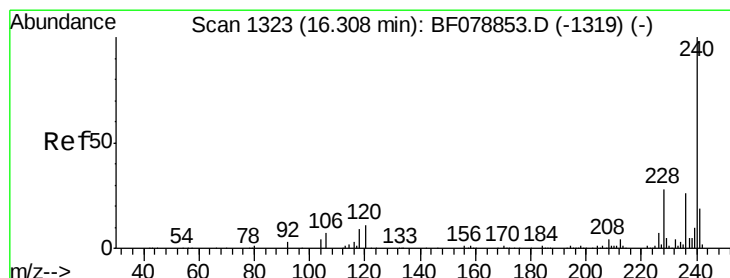
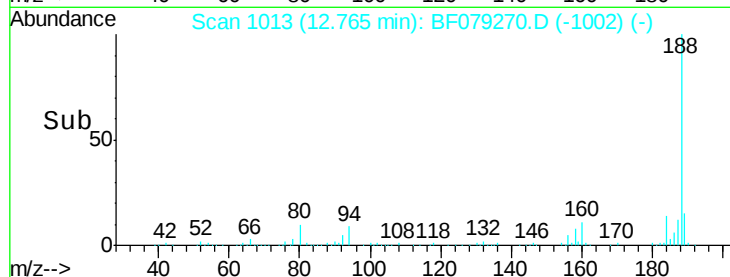
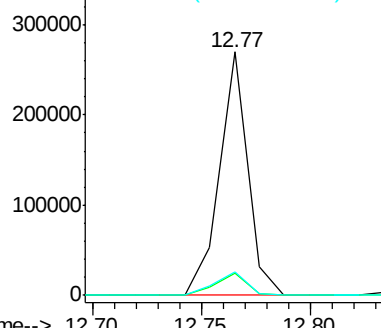
80 9.9 9.8 14.6



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: 16.07 min Scan# 1302

Delta R.T. -0.02 min

Lab File: BF079270.D

Acq: 15 May 2015 15:23

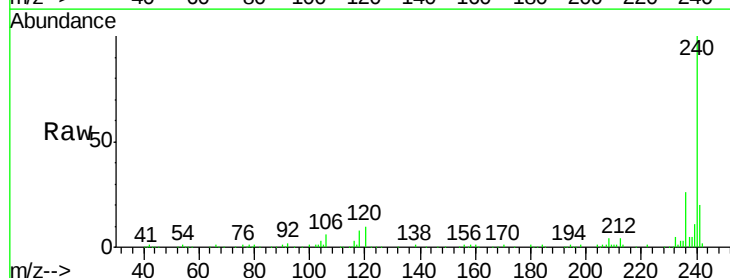
Tgt Ion:240 Resp: 220264

Ion Ratio Lower Upper

240 100

120 9.9 8.6 12.8

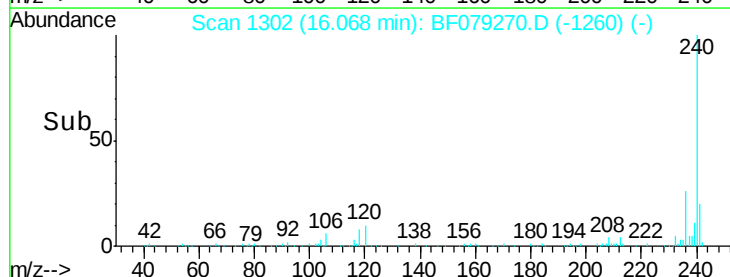
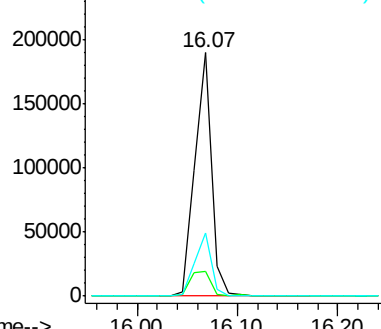
236 25.7 21.0 31.6

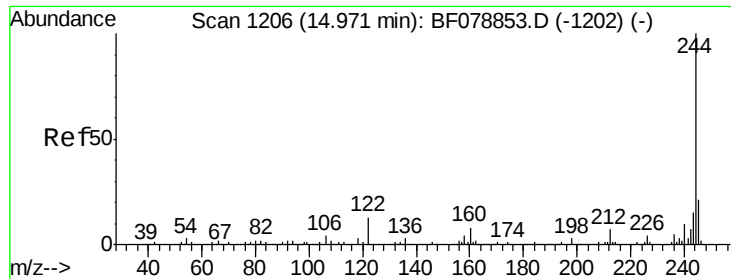


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 96.84 ng

RT: 14.77 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF079270.D

Acq: 15 May 2015 15:23

Instrument :

BNA_F

ClientSampled :

LAR9797-A

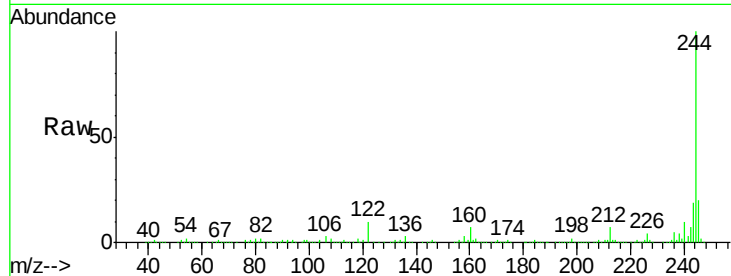
Tgt Ion:244 Resp: 890910

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

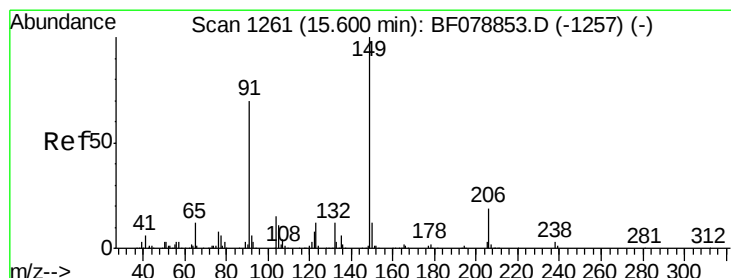
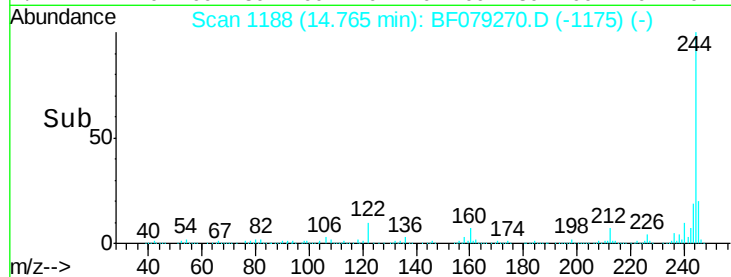
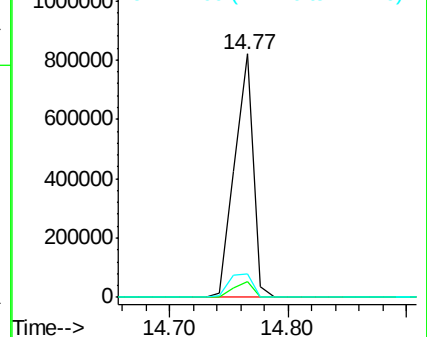
122 9.7 10.5 15.7#



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



#79

Butylbenzylphthalate

Concen: 5.52 ng

RT: 15.38 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BF079270.D

Acq: 15 May 2015 15:23

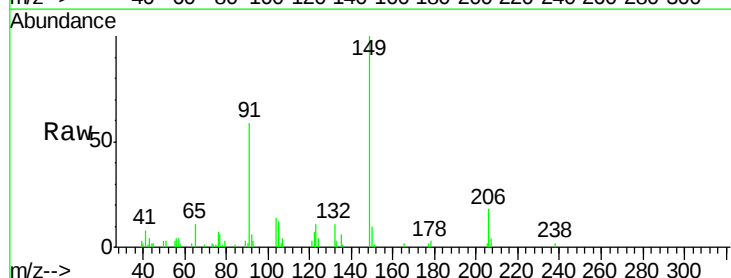
Tgt Ion:149 Resp: 30647

Ion Ratio Lower Upper

149 100

91 59.2 56.2 84.2

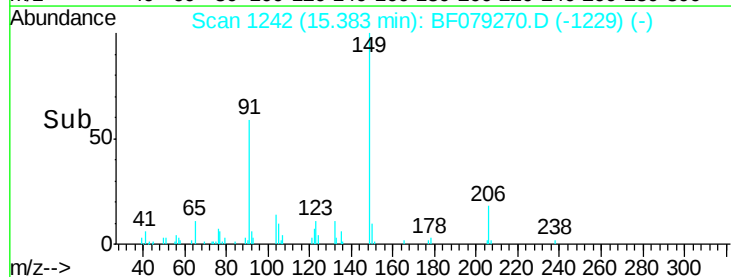
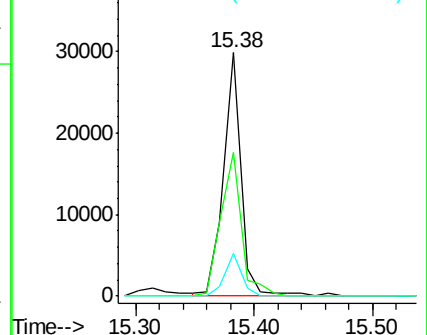
206 17.6 15.2 22.8

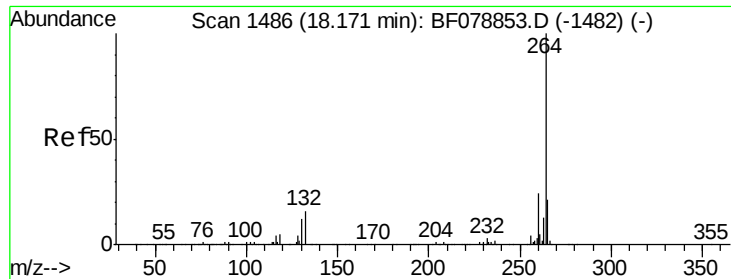


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.89 min Scan# 1461
Delta R.T. -0.05 min
Lab File: BF079270.D
Acq: 15 May 2015 15:23

Instrument :
BNA_F
ClientSampleId :
LAR9797-A

Tgt Ion:	264	Resp:	204577
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.1	17.2	25.8

