

Data Path : Z:\HPCHEM1\BNA_F\Data\BF050615\
 Data File : BF078978.D
 Acq On : 7 May 2015 4:44
 Operator : TP/IZ
 Sample : G2021-14RE
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-25-10-15RE

Quant Time: May 07 05:39:08 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 19:07:47 2015
 Response via : Initial Calibration

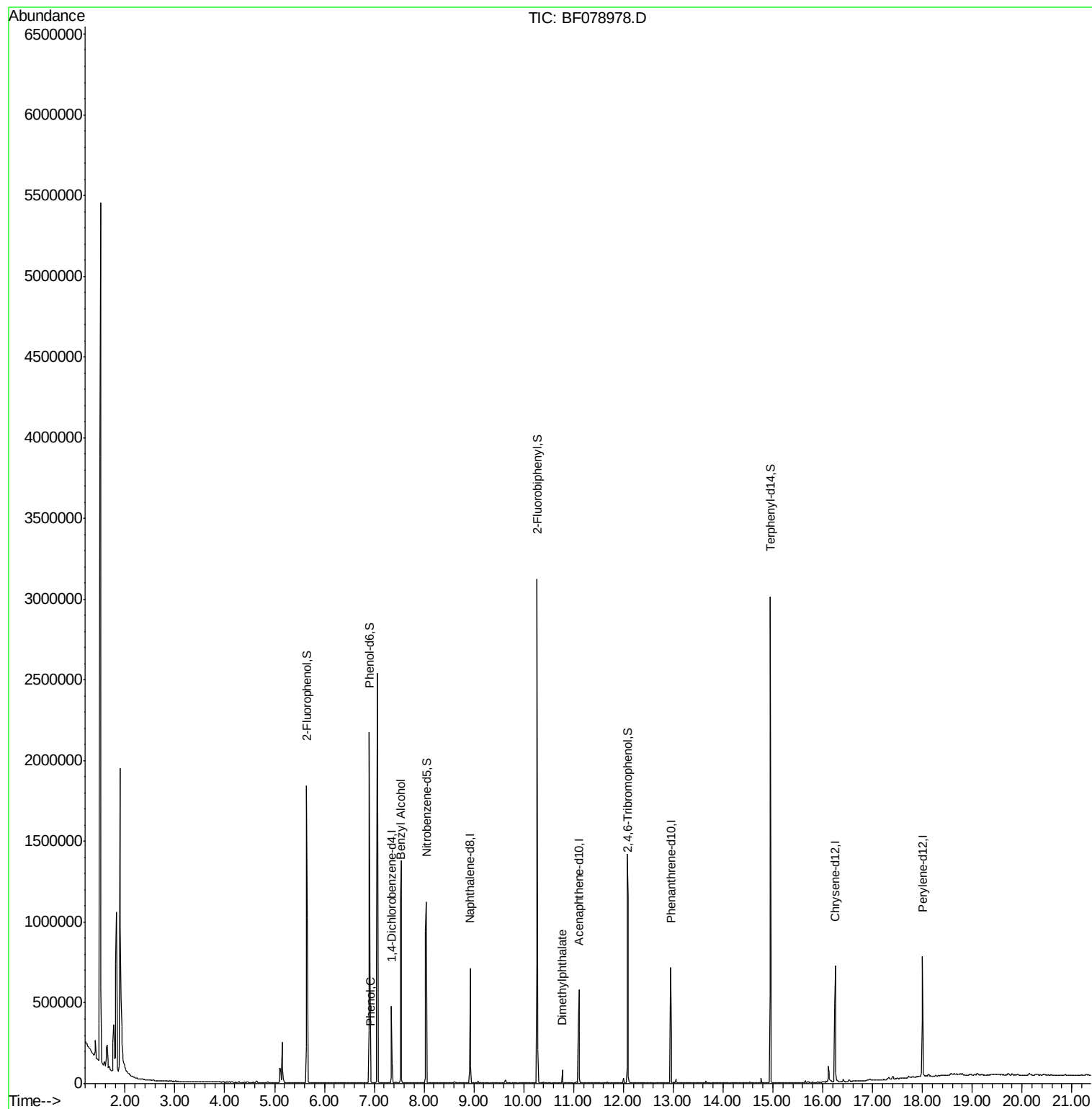
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	71500	20.00	ng	-0.02
21) Naphthalene-d8	8.92	136	305327	20.00	ng	-0.02
38) Acenaphthene-d10	11.11	164	148635	20.00	ng	-0.02
63) Phenanthrene-d10	12.95	188	294892	20.00	ng	-0.02
75) Chrysene-d12	16.25	240	331704	20.00	ng	-0.05
86) Perylene-d12	18.00	264	340429	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	632317	152.23	ng	-0.02
7) Phenol-d6	6.90	99	800805	145.85	ng	-0.02
23) Nitrobenzene-d5	8.04	82	500719	94.25	ng	-0.02
41) 2,4,6-Tribromophenol	12.09	330	250545	155.82	ng	-0.02
44) 2-Fluorobiphenyl	10.27	172	963623	90.32	ng	-0.02
78) Terphenyl-d14	14.95	244	1037594	74.89	ng	-0.02
Target Compounds						
10) Phenol	6.92	94	29665	4.66	ng	Qvalue 93
15) Benzyl Alcohol	7.53	79	8278	2.03	ng	# 54
49) Dimethylphthalate	10.78	163	32485	2.98	ng	100

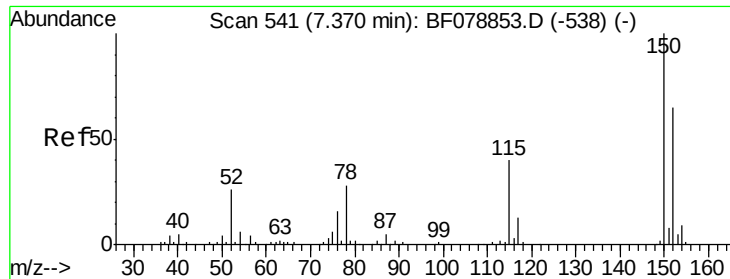
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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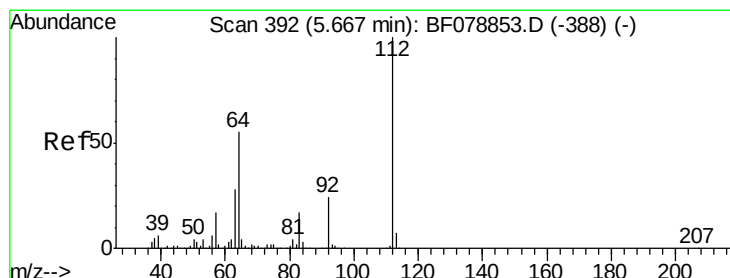
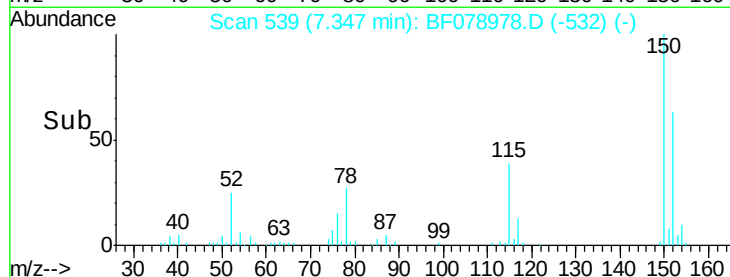
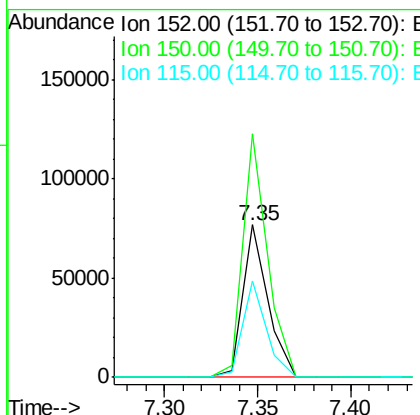
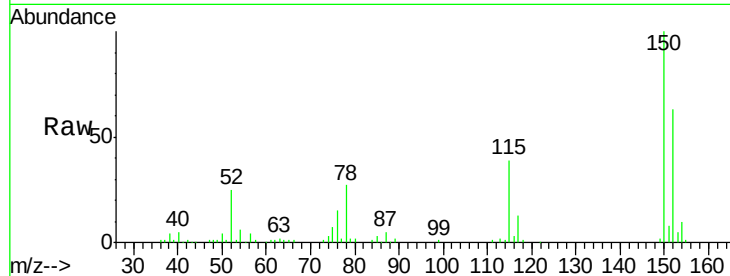




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.35 min Scan# 539
 Delta R.T. -0.02 min
 Lab File: BF078978.D
 Acq: 7 May 2015 4:44

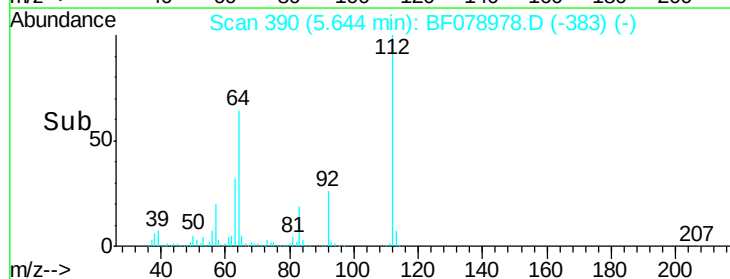
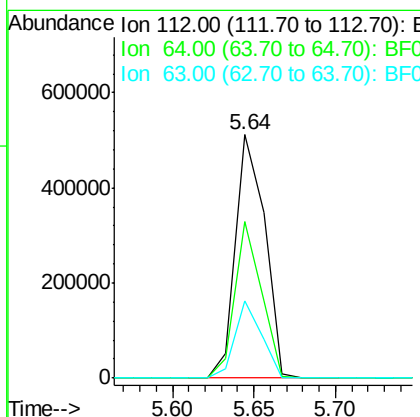
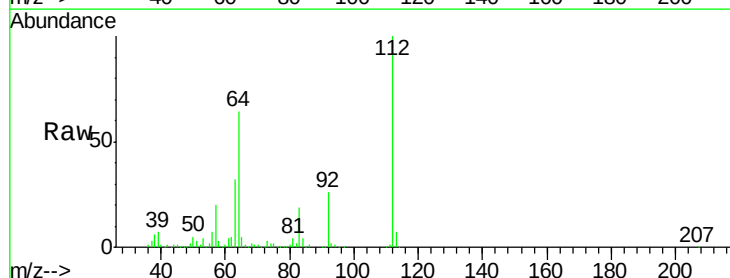
Instrument :
 BNA_F
 ClientSampleId :
 PS-25-10-15RE

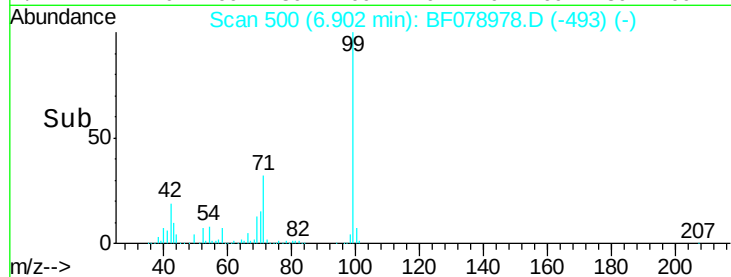
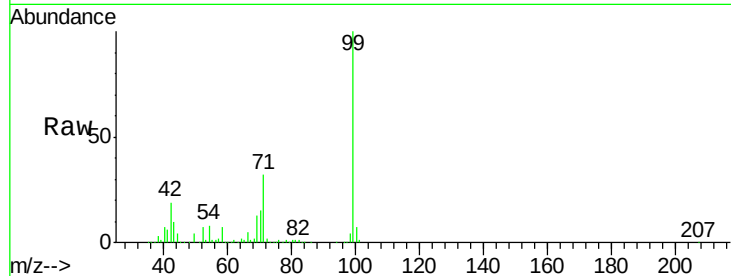
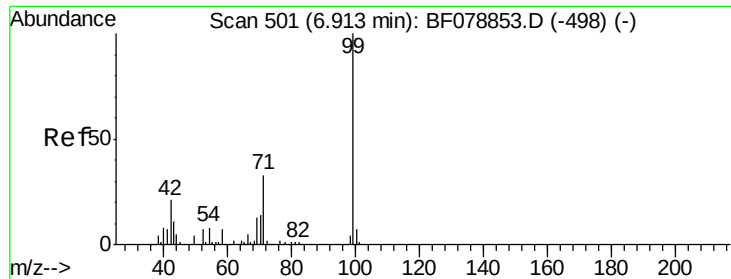
Tgt Ion:152 Resp: 71500
 Ion Ratio Lower Upper
 152 100
 150 159.8 122.0 183.0
 115 62.9 46.3 69.5



#5
 2-Fluorophenol
 Concen: 152.23 ng
 RT: 5.64 min Scan# 390
 Delta R.T. -0.02 min
 Lab File: BF078978.D
 Acq: 7 May 2015 4:44

Tgt Ion:112 Resp: 632317
 Ion Ratio Lower Upper
 112 100
 64 64.2 53.5 80.3
 63 31.8 27.5 41.3





#7

Phenol-d6

Concen: 145.85 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.02 min

Lab File: BF078978.D

Acq: 7 May 2015 4:44

Instrument :

BNA_F

ClientSampleId :

PS-25-10-15RE

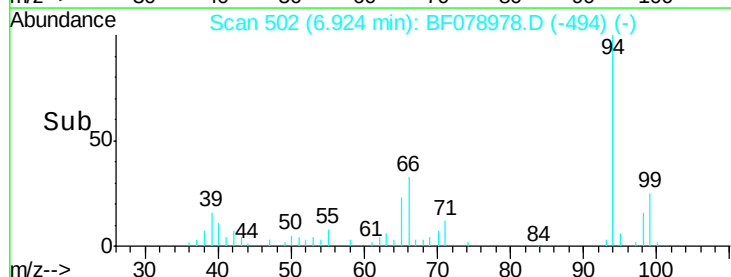
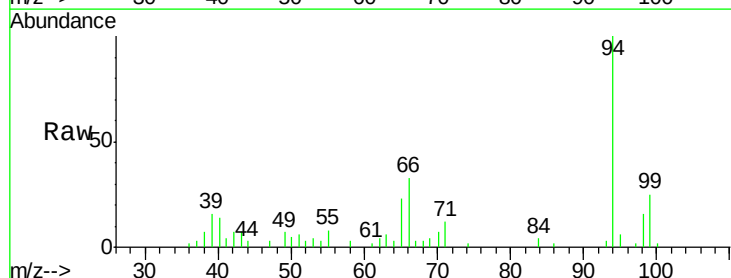
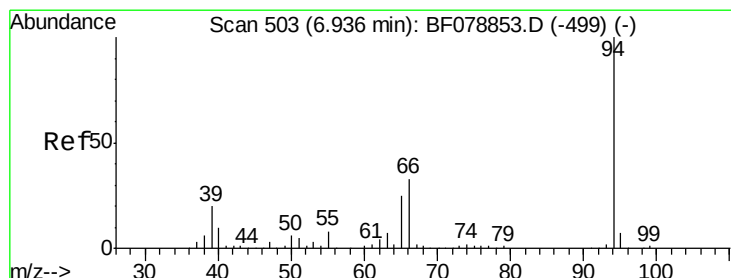
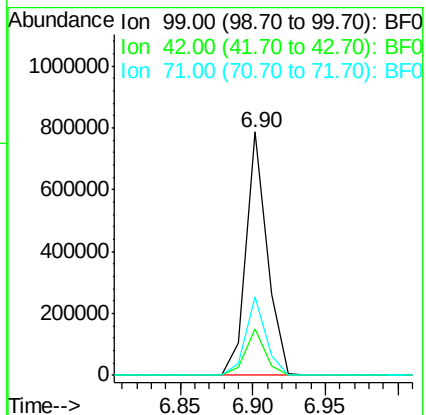
Tgt Ion: 99 Resp: 800805

Ion Ratio Lower Upper

99 100

42 19.1 12.8 19.2

71 32.3 23.4 35.2



#10

Phenol

Concen: 4.66 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF078978.D

Acq: 7 May 2015 4:44

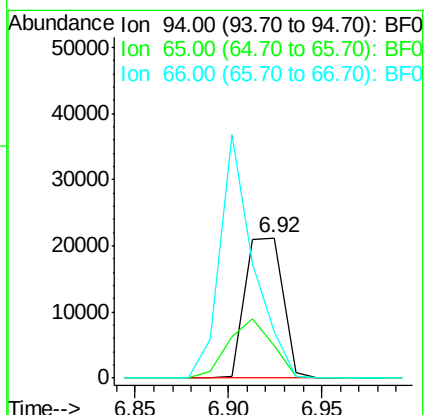
Tgt Ion: 94 Resp: 29665

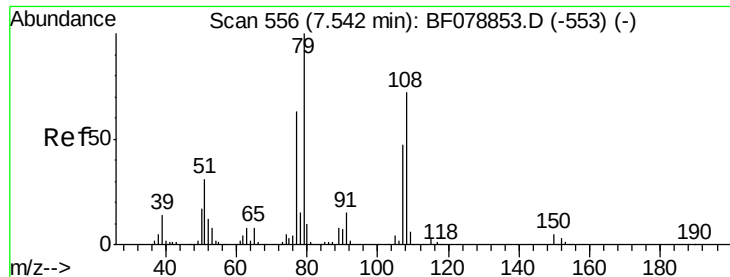
Ion Ratio Lower Upper

94 100

65 22.9 8.5 48.5

66 33.3 16.0 56.0





#15

Benzyl Alcohol

Concen: 2.03 ng

RT: 7.53 min Scan# 555

Delta R.T. -0.02 min

Lab File: BF078978.D

Acq: 7 May 2015 4:44

Instrument :

BNA_F

ClientSampleId :

PS-25-10-15RE

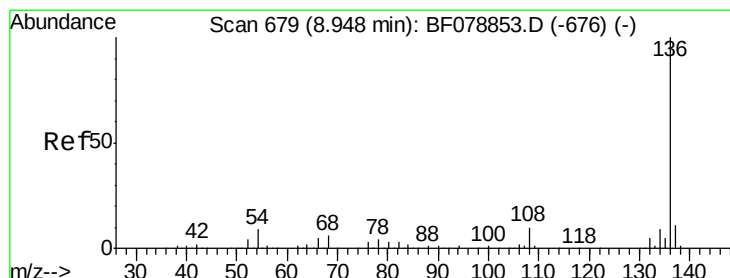
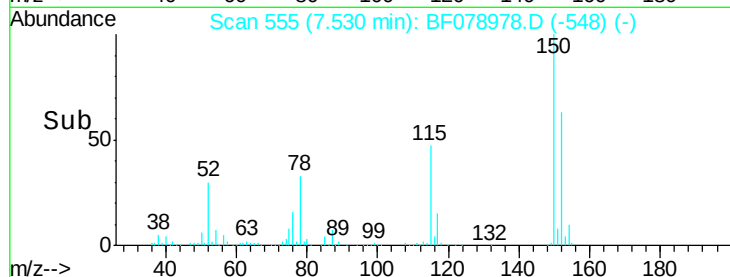
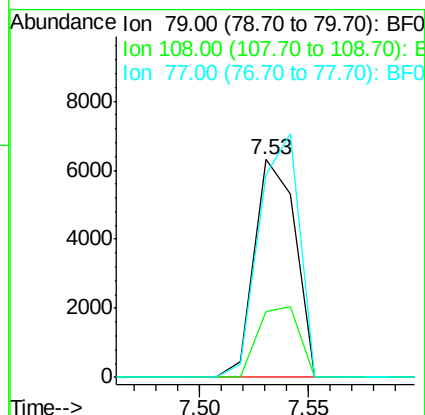
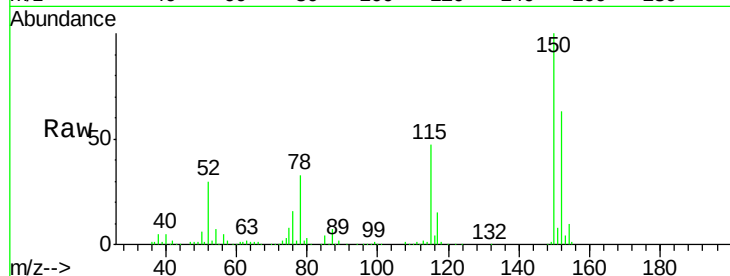
Tgt Ion: 79 Resp: 8278

Ion Ratio Lower Upper

79 100

108 29.9 62.5 93.7#

77 93.3 52.2 78.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.92 min Scan# 677

Delta R.T. -0.02 min

Lab File: BF078978.D

Acq: 7 May 2015 4:44

Tgt Ion: 136 Resp: 305327

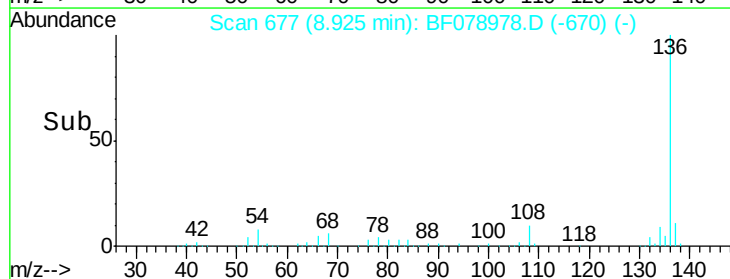
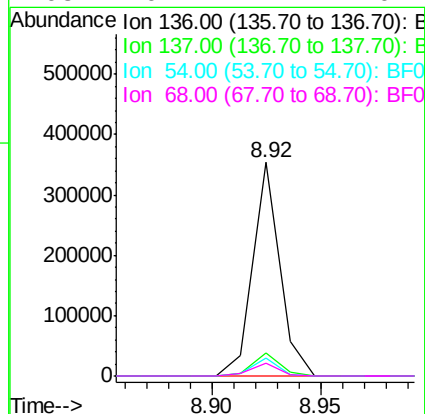
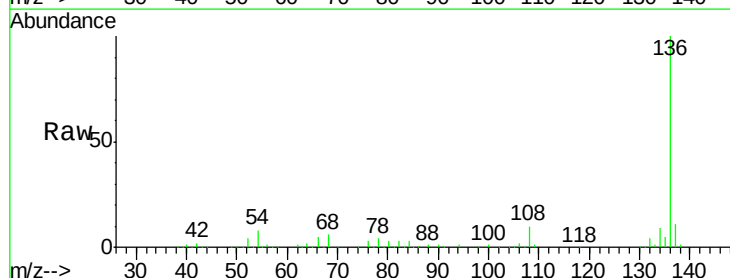
Ion Ratio Lower Upper

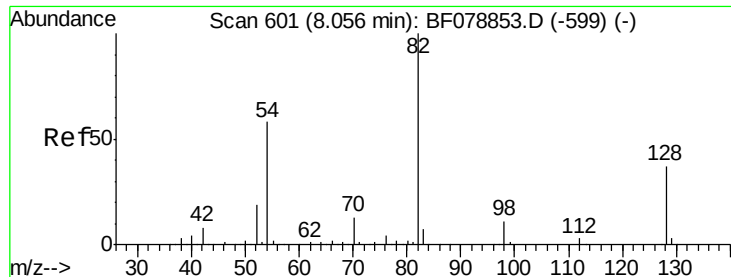
136 100

137 10.9 8.7 13.1

54 8.4 5.8 8.8

68 6.2 4.2 6.4

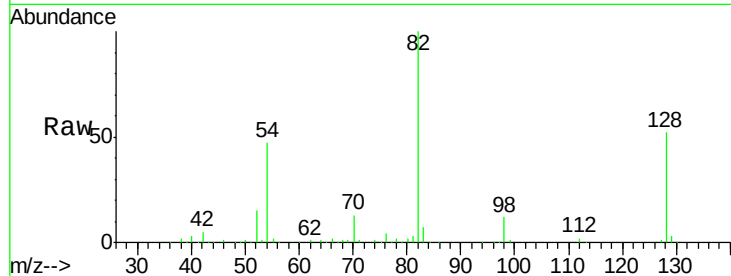




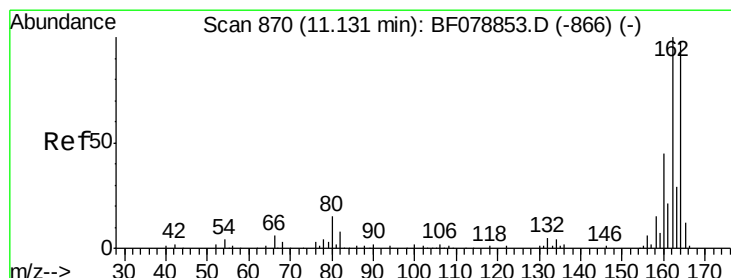
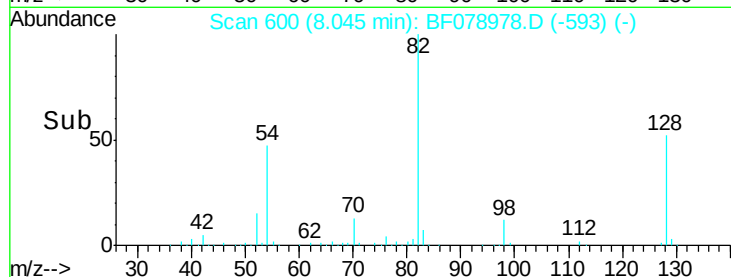
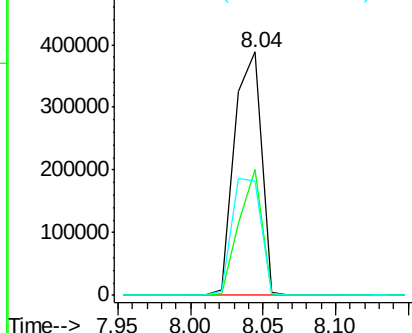
#23
 Nitrobenzene-d5
 Concen: 94.25 ng
 RT: 8.04 min Scan# 600
 Delta R.T. -0.02 min
 Lab File: BF078978.D
 Acq: 7 May 2015 4:44

Instrument :
 BNA_F
 ClientSampleId :
 PS-25-10-15RE

Tgt Ion: 82 Resp: 500719
 Ion Ratio Lower Upper
 82 100
 128 51.8 30.0 45.0#
 54 47.0 46.4 69.6

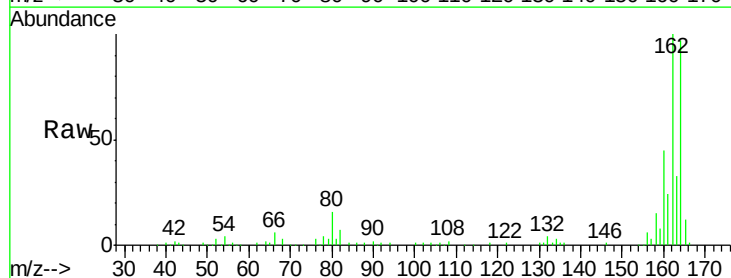


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

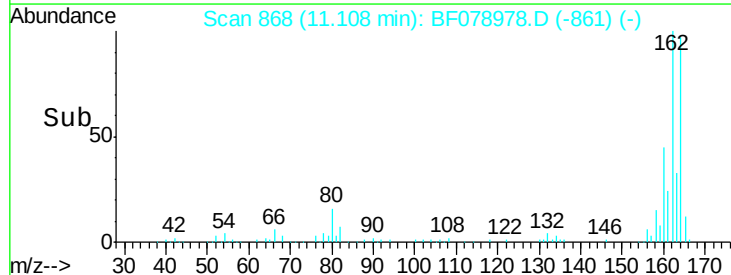
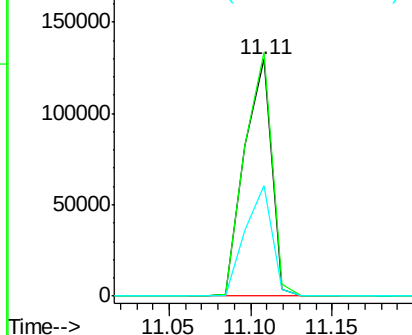


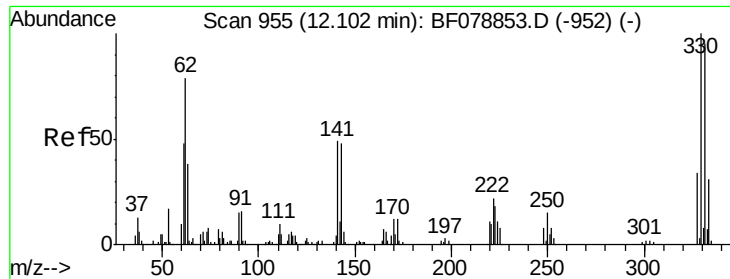
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 868
 Delta R.T. -0.02 min
 Lab File: BF078978.D
 Acq: 7 May 2015 4:44

Tgt Ion: 164 Resp: 148635
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.7 124.1
 160 46.6 35.8 53.8



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

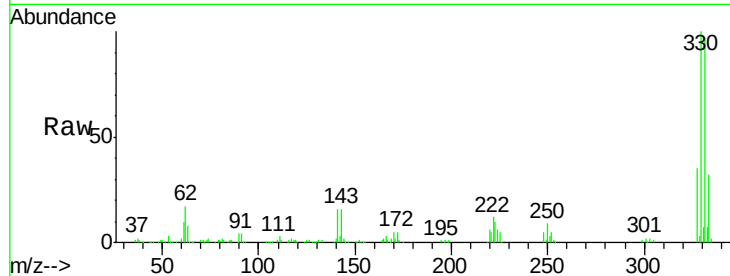




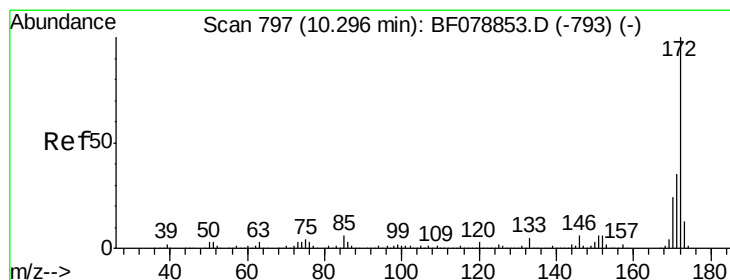
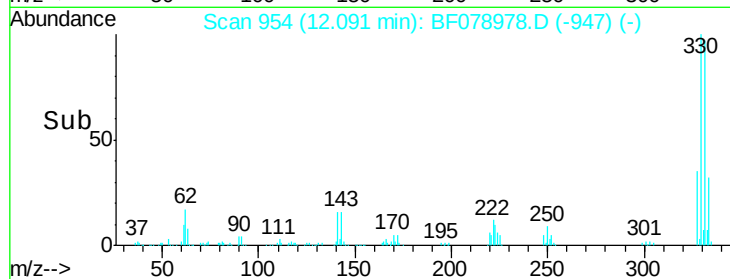
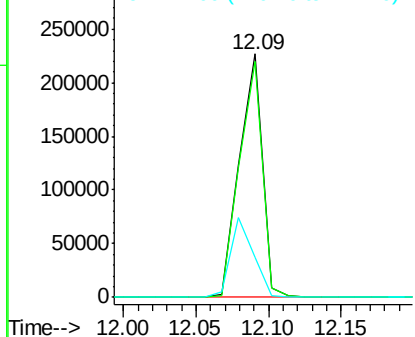
#41
 2,4,6-Tribromophenol
 Concen: 155.82 ng
 RT: 12.09 min Scan# 954
 Delta R.T. -0.02 min
 Lab File: BF078978.D
 Acq: 7 May 2015 4:44

Instrument :
 BNA_F
 ClientSampleId :
 PS-25-10-15RE

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	250545		
332	97.4	0.0	0.0	0.0
141	32.6	0.0	0.0	0.0

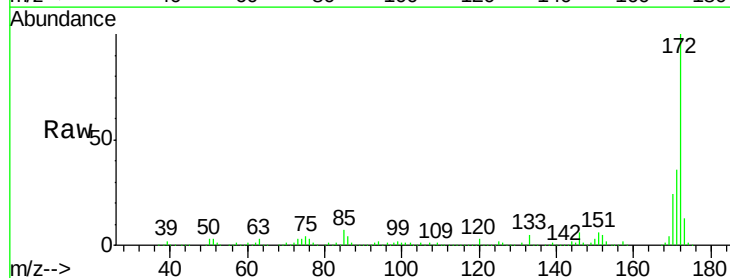


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

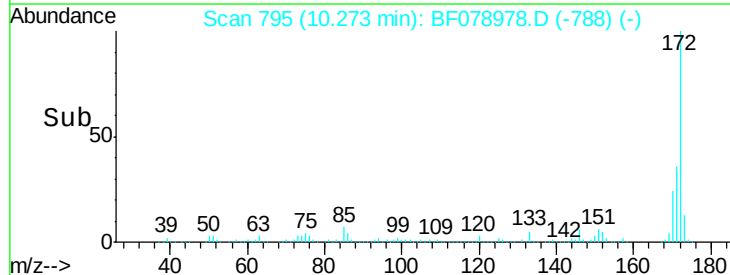
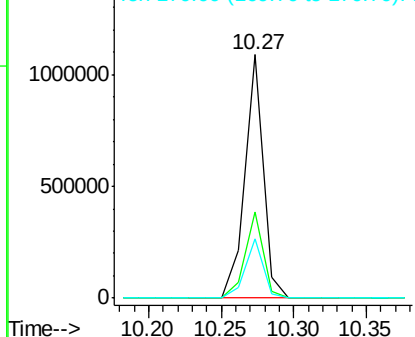


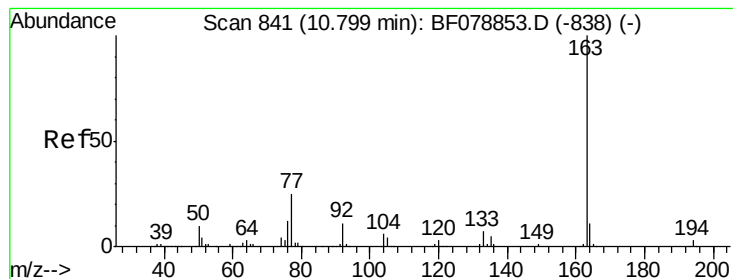
#44
 2-Fluorobiphenyl
 Concen: 90.32 ng
 RT: 10.27 min Scan# 795
 Delta R.T. -0.02 min
 Lab File: BF078978.D
 Acq: 7 May 2015 4:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	963623		
171	35.6	27.9	41.9	
170	24.3	19.4	29.0	



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: 2.98 ng

RT: 10.78 min Scan# 839

Delta R.T. -0.03 min

Lab File: BF078978.D

Acq: 7 May 2015 4:44

Instrument :

BNA_F

ClientSampleId :

PS-25-10-15RE

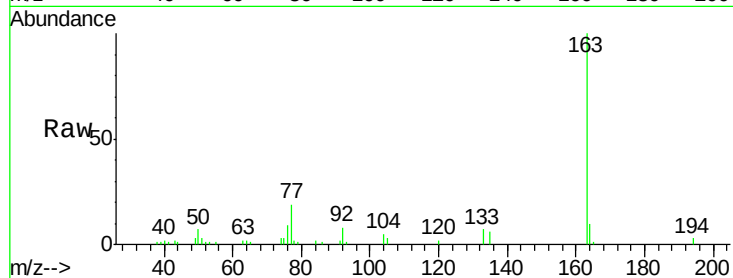
Tgt Ion:163 Resp: 32485

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

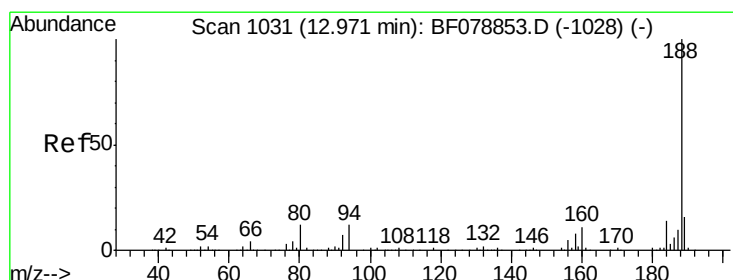
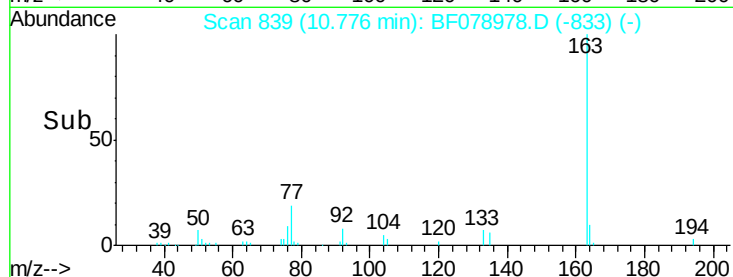
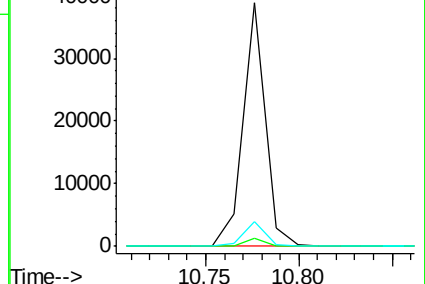
164 10.1 8.1 12.1



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.95 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF078978.D

Acq: 7 May 2015 4:44

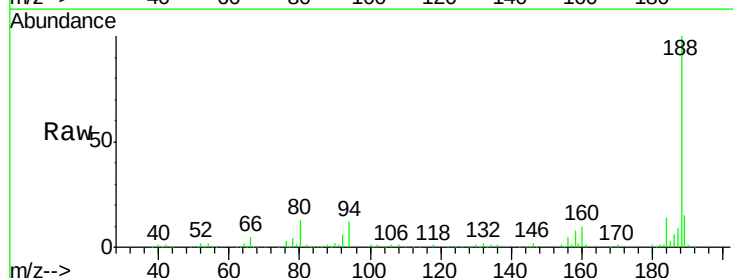
Tgt Ion:188 Resp: 294892

Ion Ratio Lower Upper

188 100

94 12.4 8.2 12.2#

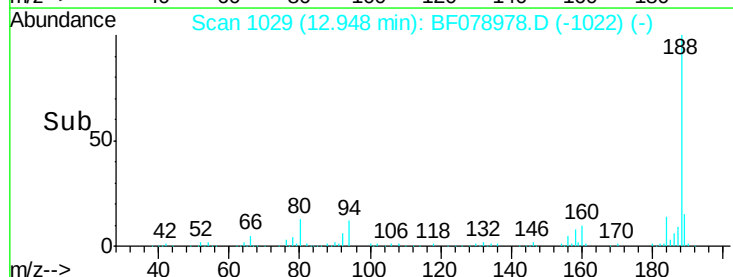
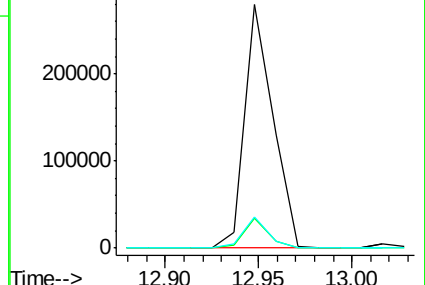
80 12.9 8.9 13.3

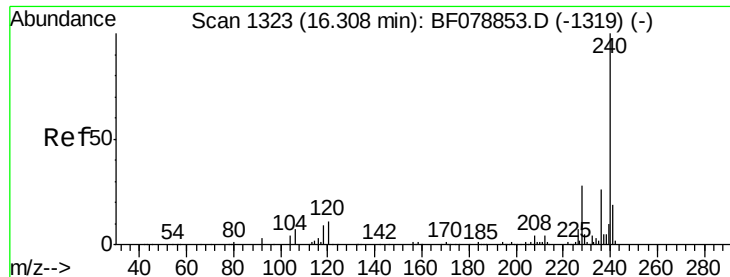


Abundance Ion 188.00 (187.70 to 188.70): E

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: 16.25 min Scan# 1318

Delta R.T. -0.05 min

Lab File: BF078978.D

Acq: 7 May 2015 4:44

Instrument :

BNA_F

ClientSampleId :

PS-25-10-15RE

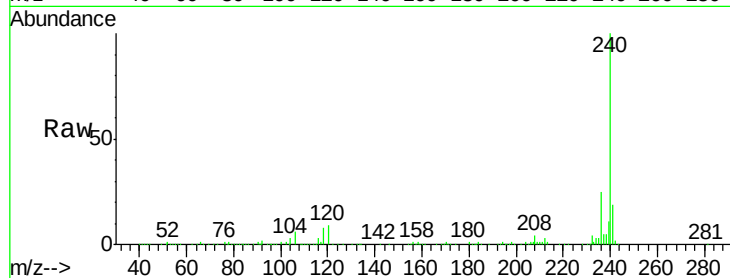
Tgt Ion:240 Resp: 331704

Ion Ratio Lower Upper

240 100

120 9.1 9.7 14.5#

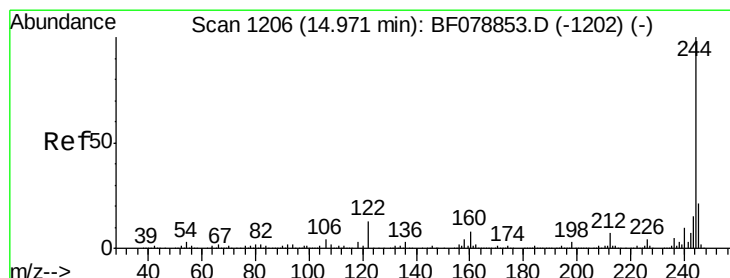
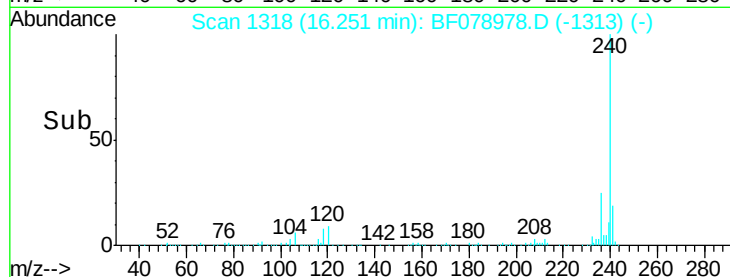
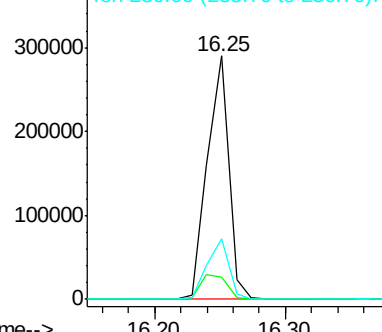
236 25.1 20.2 30.4



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: 74.89 ng

RT: 14.95 min Scan# 1204

Delta R.T. -0.02 min

Lab File: BF078978.D

Acq: 7 May 2015 4:44

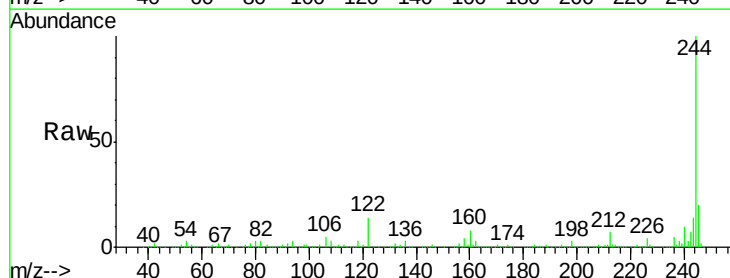
Tgt Ion:244 Resp: 1037594

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

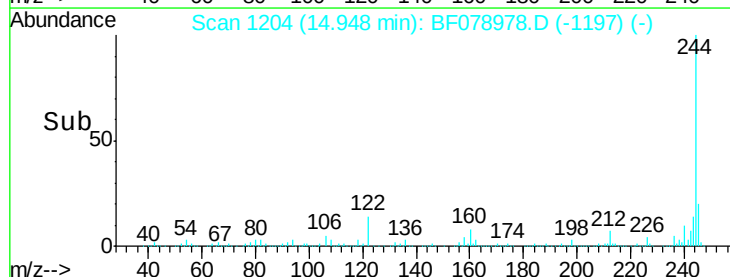
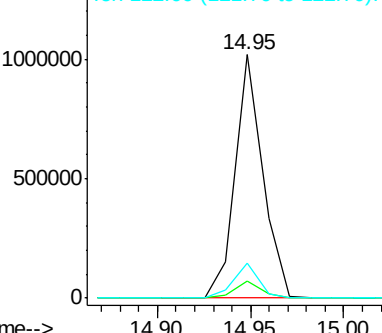
122 14.3 10.3 15.5

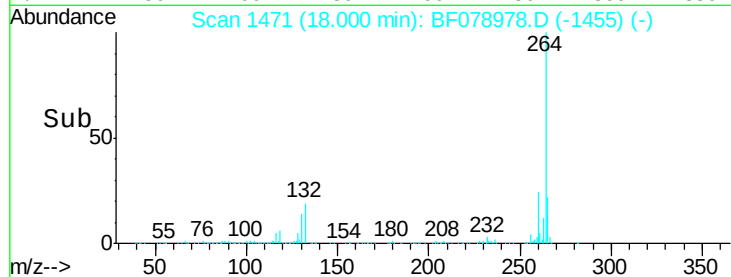
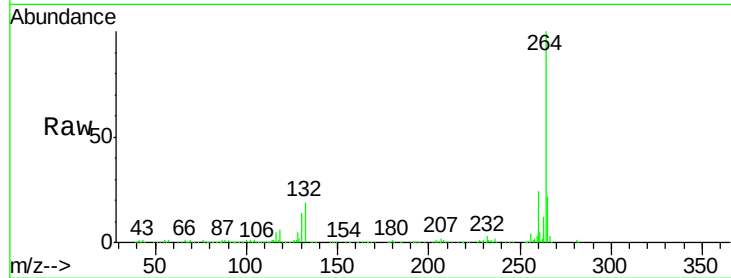
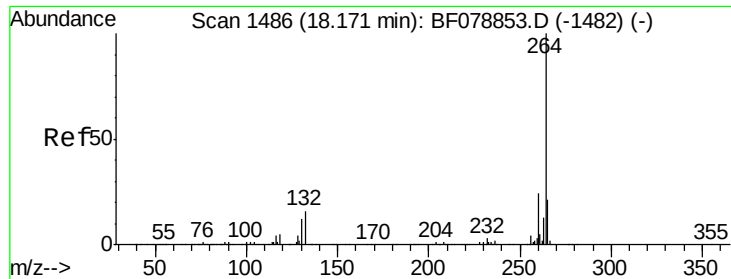


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 18.00 min Scan# 1471

Delta R.T. -0.11 min

Lab File: BF078978.D

Acq: 7 May 2015 4:44

Instrument :

BNA_F

ClientSampleId :

PS-25-10-15RE

Tgt Ion: 264 Resp: 340429

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

265 22.1 18.3 27.5

