

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042915\
 Data File : BF078843.D
 Acq On : 30 Apr 2015 7:33
 Operator : TP/IZ
 Sample : G2021-13
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-25-2-5

Quant Time: Apr 30 08:29:45 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 07:36:56 2015
 Response via : Initial Calibration

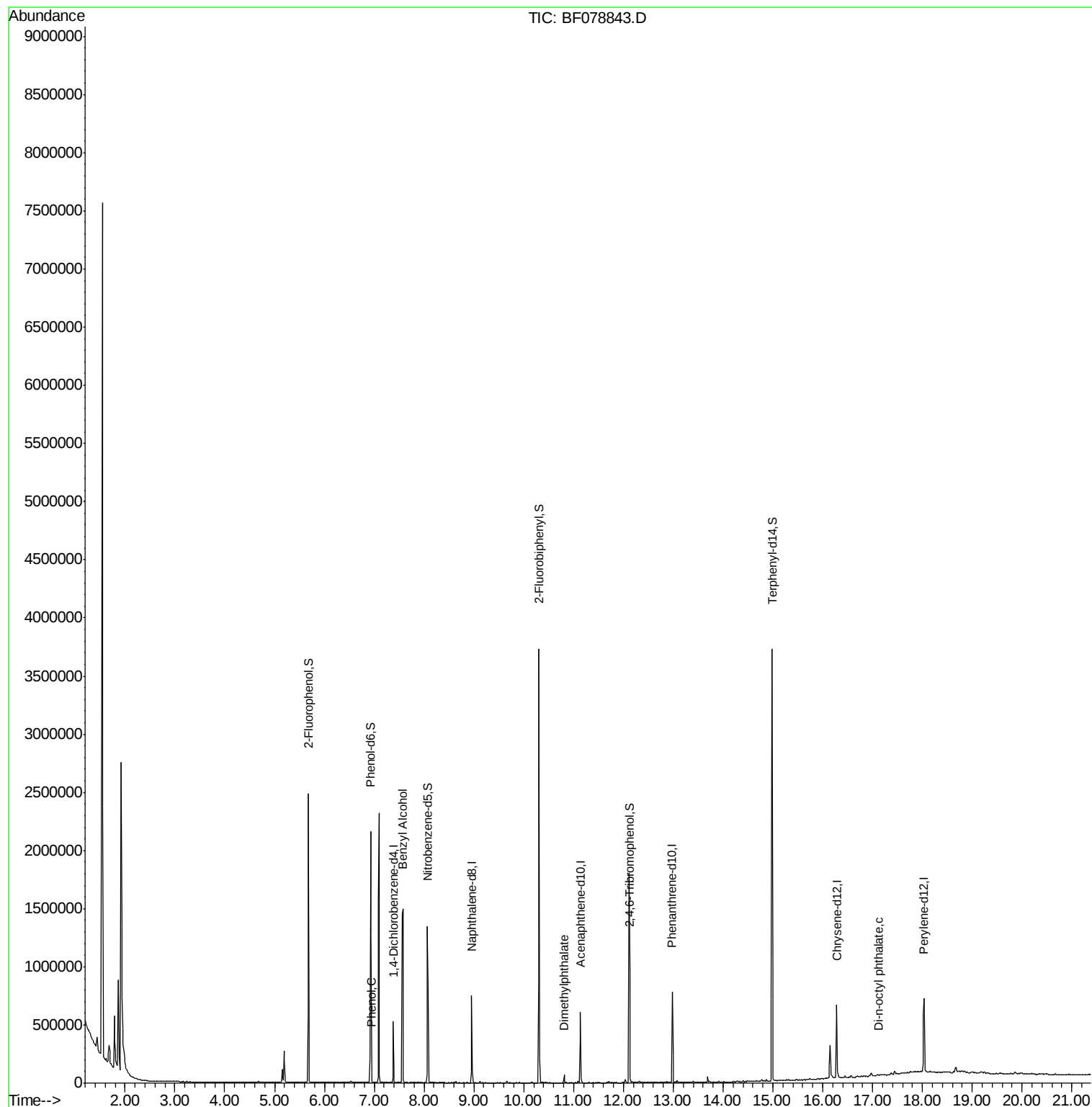
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	75903	20.00	ng	0.00
21) Naphthalene-d8	8.96	136	319569	20.00	ng	0.00
38) Acenaphthene-d10	11.14	164	148333	20.00	ng	0.00
63) Phenanthrene-d10	12.98	188	293890	20.00	ng	0.00
75) Chrysene-d12	16.29	240	311894	20.00	ng	0.00
86) Perylene-d12	18.03	264	336068	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	701827	169.83	ng	0.01
7) Phenol-d6	6.92	99	917872	166.30	ng	0.00
23) Nitrobenzene-d5	8.07	82	517737	116.65	ng	0.00
41) 2,4,6-Tribromophenol	12.13	330	259012	173.79	ng	0.00
44) 2-Fluorobiphenyl	10.31	172	1121272	103.52	ng	0.00
78) Terphenyl-d14	14.98	244	1273273	97.22	ng	0.00
Target Compounds						
10) Phenol	6.95	94	29241	4.48	ng	Qvalue 91
15) Benzyl Alcohol	7.56	79	10413	2.53	ng	# 53
49) Dimethylphthalate	10.81	163	27796	2.64	ng	99
84) Di-n-octyl phthalate	17.12	149	786	6.98	ng	# 100

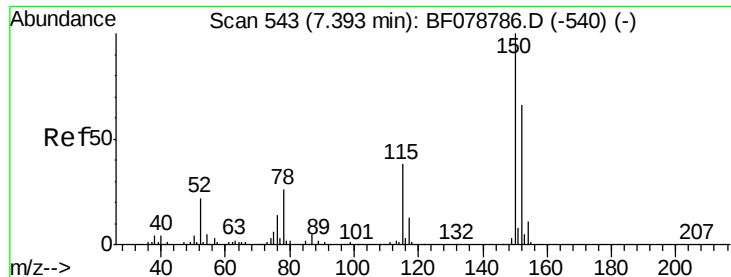
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.38 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF078843.D

Acq: 30 Apr 2015 7:33

Instrument :

BNA_F

ClientSampleId :

PS-25-2-5

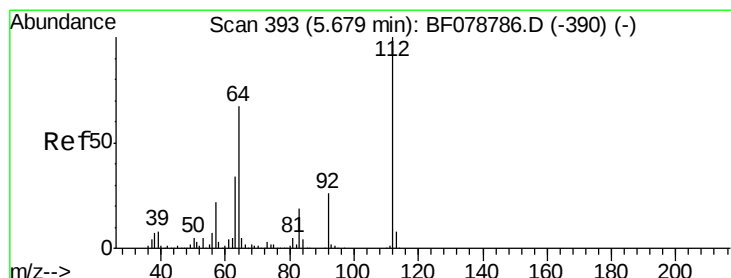
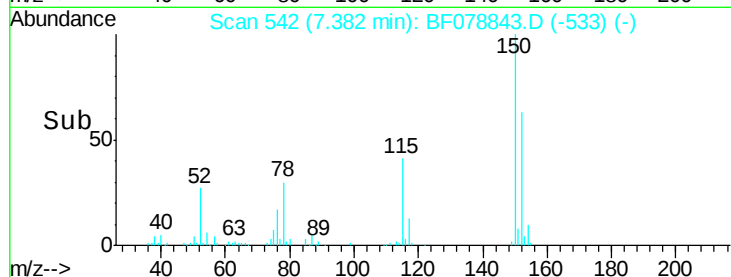
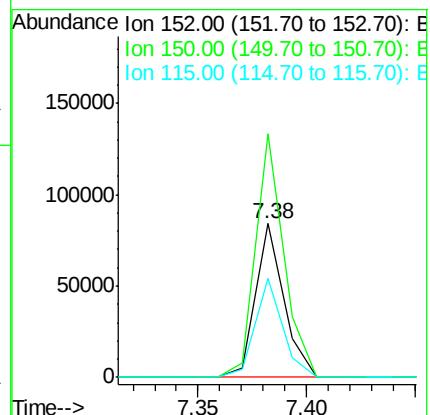
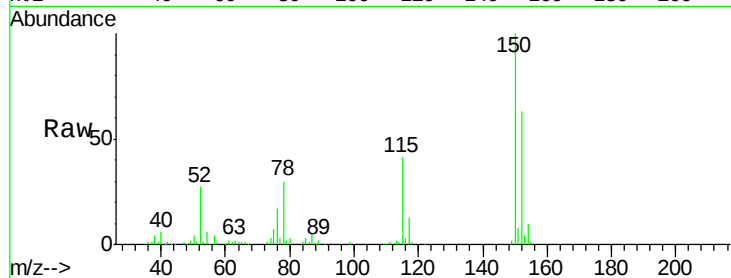
Tgt Ion:152 Resp: 75903

Ion Ratio Lower Upper

152 100

150 158.2 122.0 183.0

115 64.7 46.3 69.5



#5

2-Fluorophenol

Concen: 169.83 ng

RT: 5.68 min Scan# 393

Delta R.T. 0.01 min

Lab File: BF078843.D

Acq: 30 Apr 2015 7:33

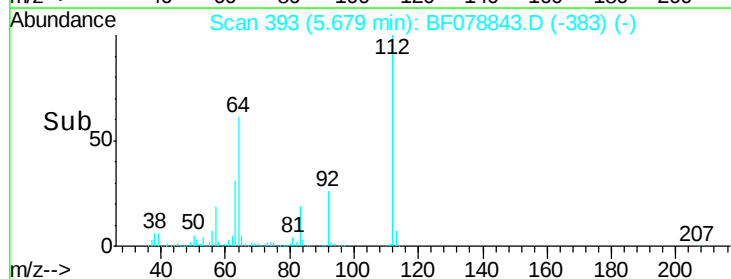
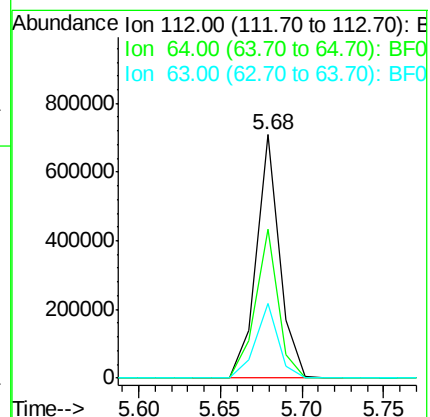
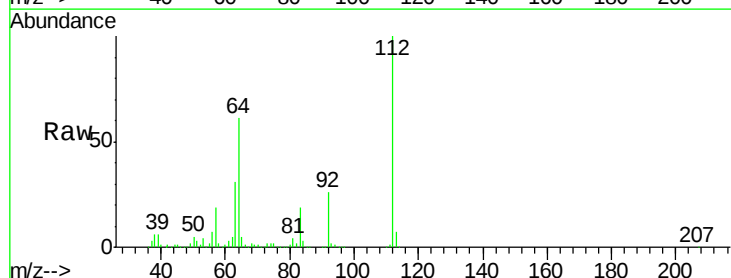
Tgt Ion:112 Resp: 701827

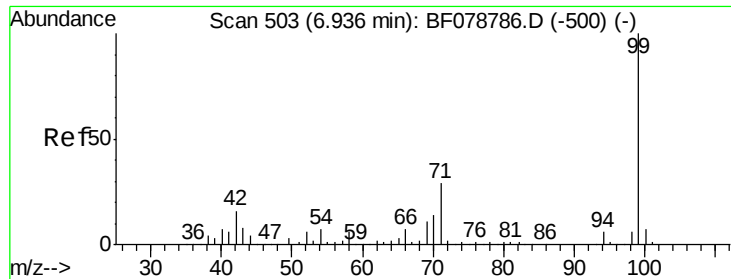
Ion Ratio Lower Upper

112 100

64 61.1 53.5 80.3

63 30.7 27.5 41.3





#7

Phenol-d6

Concen: 166.30 ng

RT: 6.92 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF078843.D

Acq: 30 Apr 2015 7:33

Instrument :

BNA_F

ClientSampleId :

PS-25-2-5

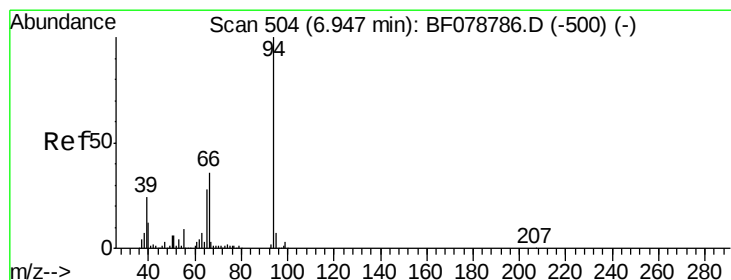
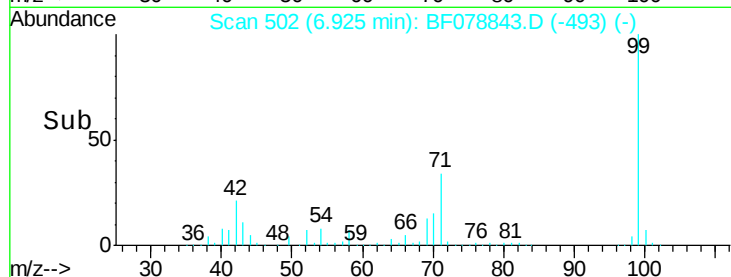
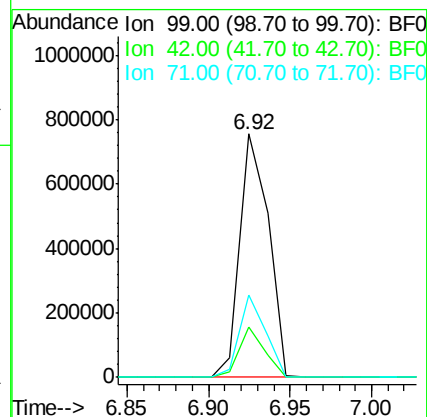
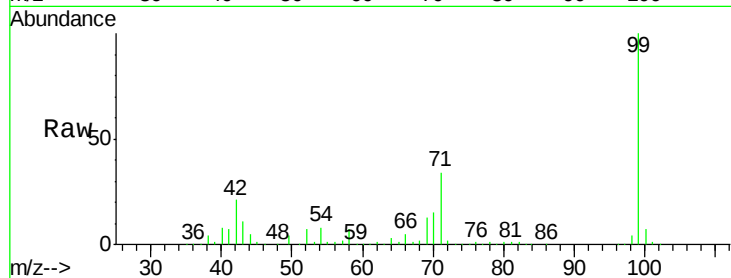
Tgt Ion: 99 Resp: 917872

Ion Ratio Lower Upper

99 100

42 20.9 12.8 19.2#

71 33.9 23.4 35.2



#10

Phenol

Concen: 4.48 ng

RT: 6.95 min Scan# 504

Delta R.T. 0.01 min

Lab File: BF078843.D

Acq: 30 Apr 2015 7:33

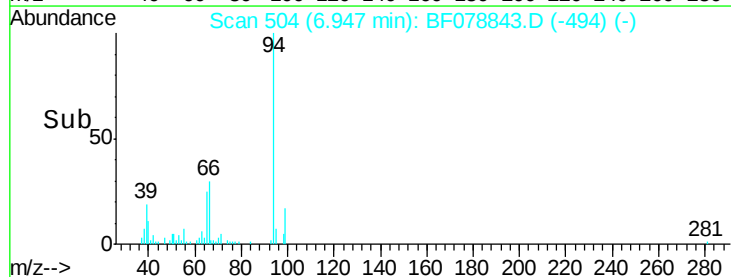
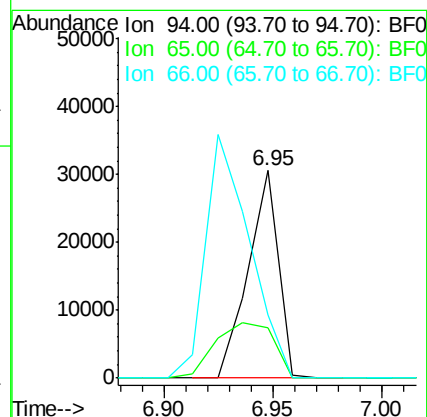
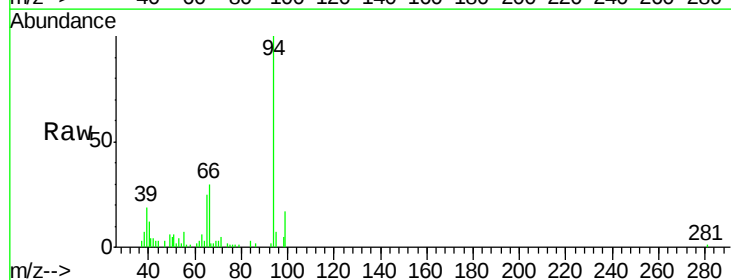
Tgt Ion: 94 Resp: 29241

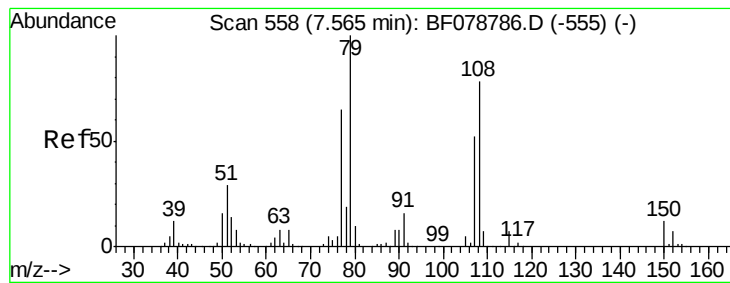
Ion Ratio Lower Upper

94 100

65 24.5 8.5 48.5

66 30.5 16.0 56.0





#15

Benzyl Alcohol

Concen: 2.53 ng

RT: 7.56 min Scan# 558

Delta R.T. 0.01 min

Lab File: BF078843.D

Acq: 30 Apr 2015 7:33

Instrument :

BNA_F

ClientSampleId :

PS-25-2-5

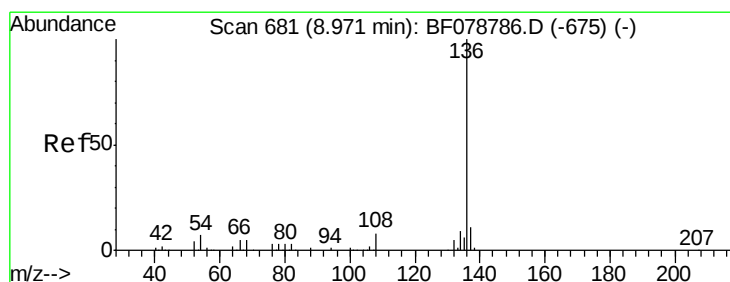
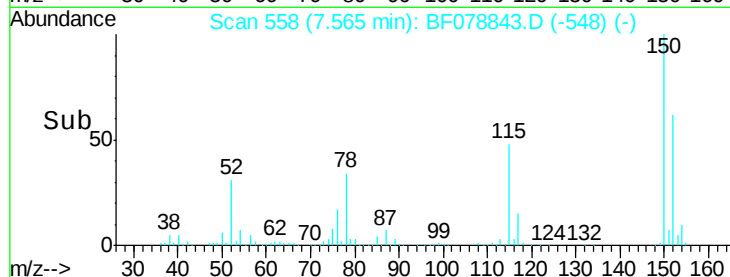
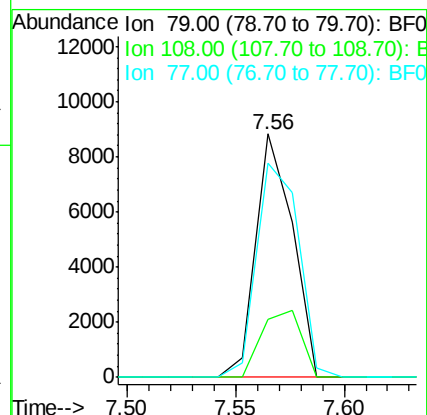
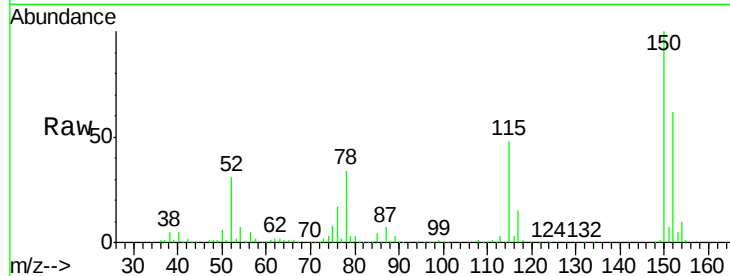
Tgt Ion: 79 Resp: 10413

Ion Ratio Lower Upper

79 100

108 23.6 62.5 93.7#

77 87.7 52.2 78.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.96 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF078843.D

Acq: 30 Apr 2015 7:33

Tgt Ion: 136 Resp: 319569

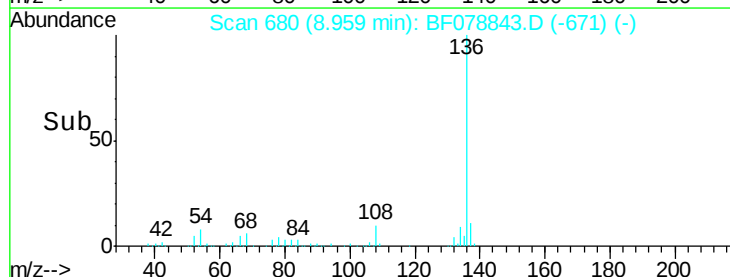
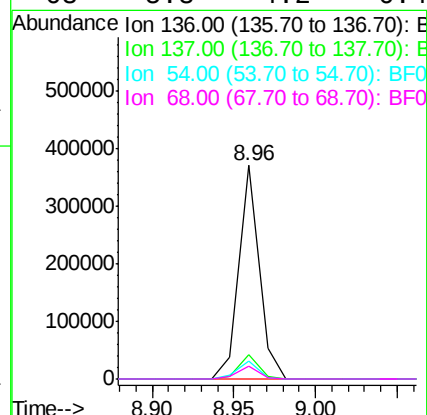
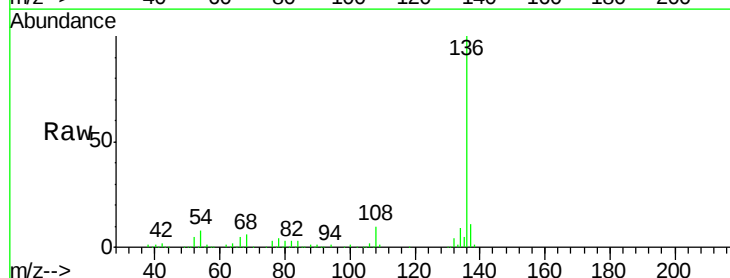
Ion Ratio Lower Upper

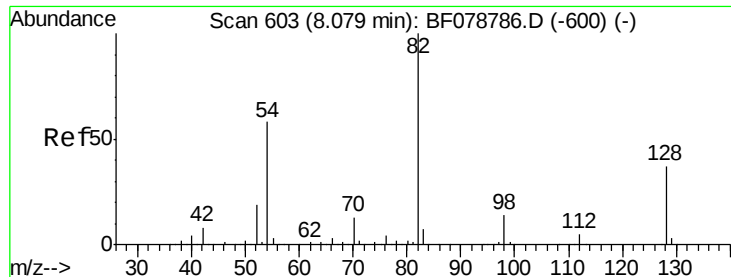
136 100

137 11.1 8.7 13.1

54 8.2 5.8 8.8

68 5.8 4.2 6.4

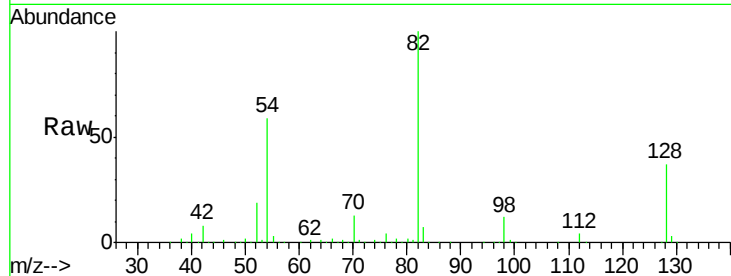




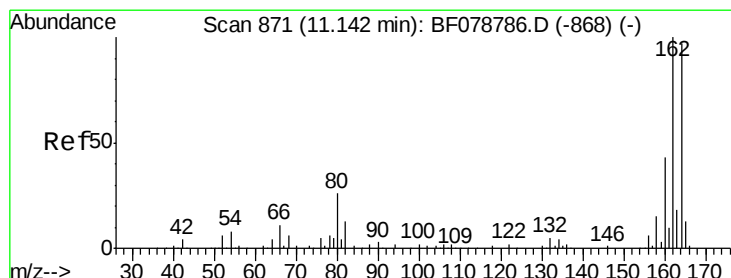
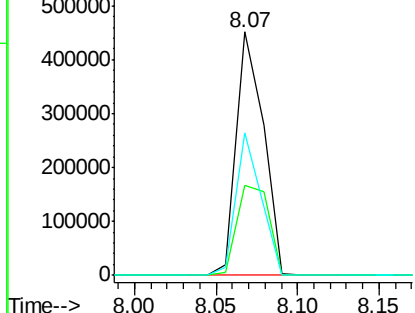
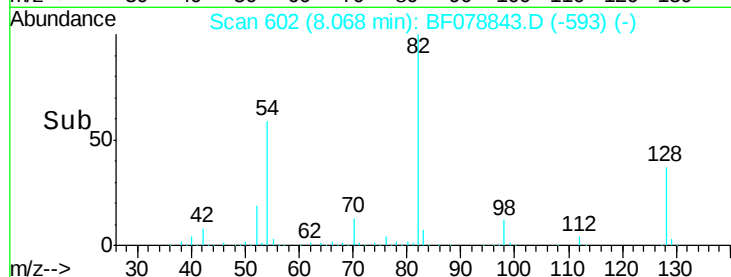
#23
 Nitrobenzene-d5
 Concen: 116.65 ng
 RT: 8.07 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF078843.D
 Acq: 30 Apr 2015 7:33

Instrument :
 BNA_F
 ClientSampleId :
 PS-25-2-5

Tgt Ion: 82 Resp: 517737
 Ion Ratio Lower Upper
 82 100
 128 37.1 30.0 45.0
 54 58.6 46.4 69.6

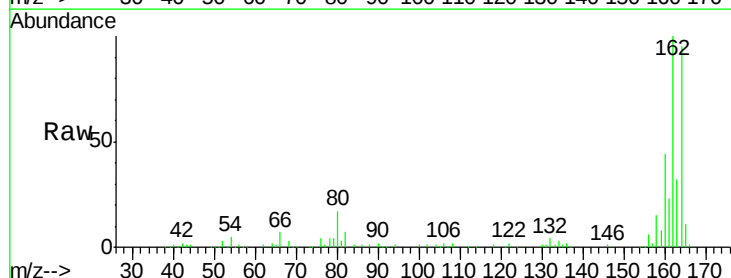


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

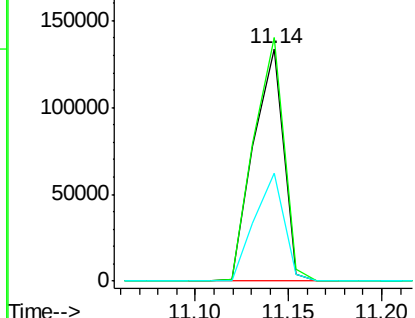
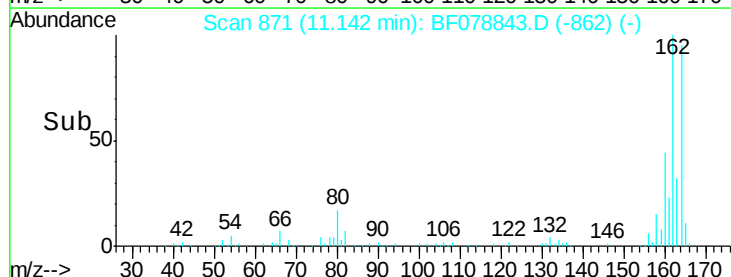


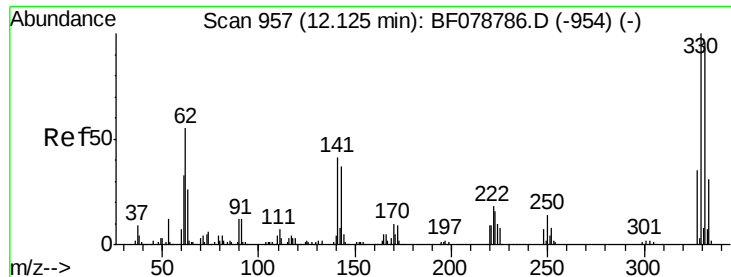
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF078843.D
 Acq: 30 Apr 2015 7:33

Tgt Ion: 164 Resp: 148333
 Ion Ratio Lower Upper
 164 100
 162 104.8 82.7 124.1
 160 46.6 35.8 53.8



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

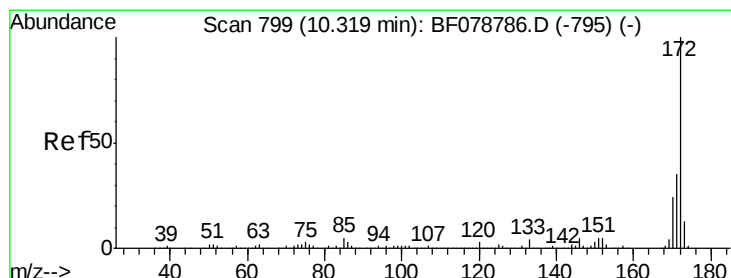
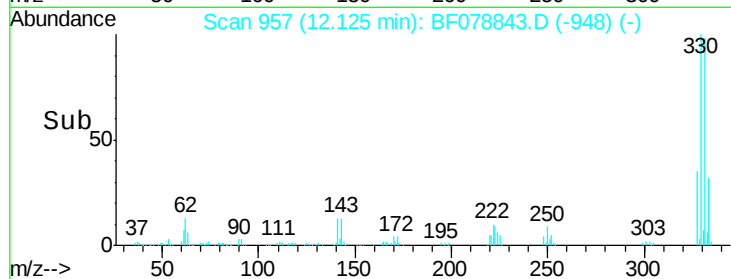
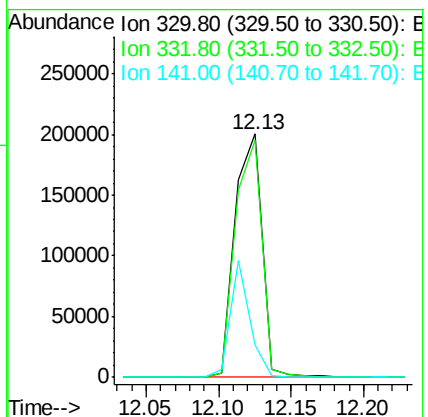
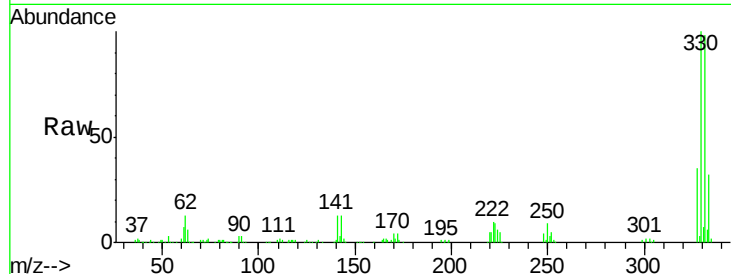




#41
 2,4,6-Tribromophenol
 Concen: 173.79 ng
 RT: 12.13 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF078843.D
 Acq: 30 Apr 2015 7:33

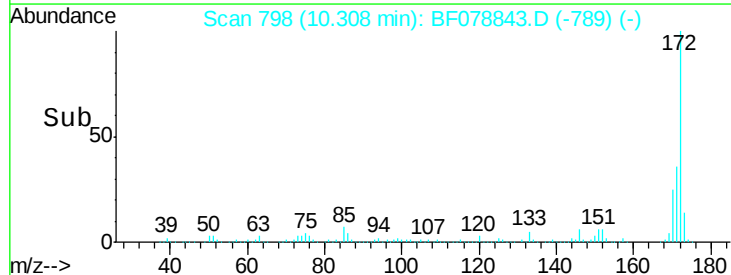
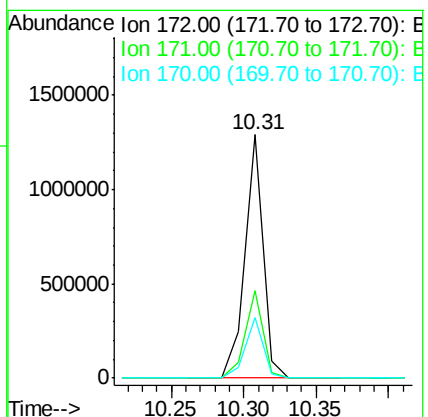
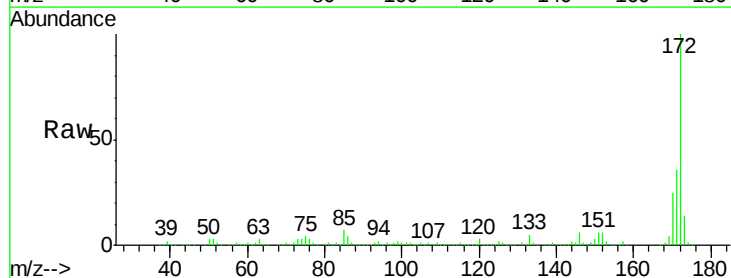
Instrument :
 BNA_F
 ClientSampleId :
 PS-25-2-5

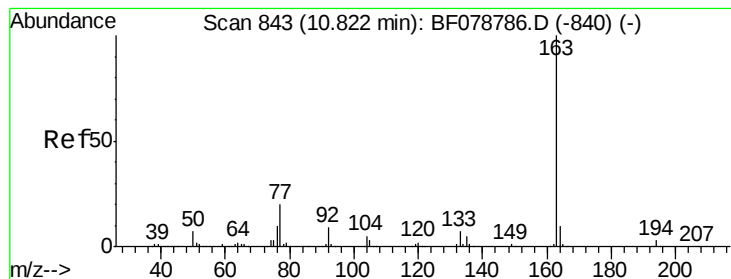
Tgt Ion:330 Resp: 259012
 Ion Ratio Lower Upper
 330 100
 332 96.6 0.0 0.0#
 141 35.2 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 103.52 ng
 RT: 10.31 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF078843.D
 Acq: 30 Apr 2015 7:33

Tgt Ion:172 Resp: 1121272
 Ion Ratio Lower Upper
 172 100
 171 36.1 27.9 41.9
 170 25.0 19.4 29.0





#49

Dimethylphthalate

Concen: 2.64 ng

RT: 10.81 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF078843.D

Acq: 30 Apr 2015 7:33

Instrument :

BNA_F

ClientSampleId :

PS-25-2-5

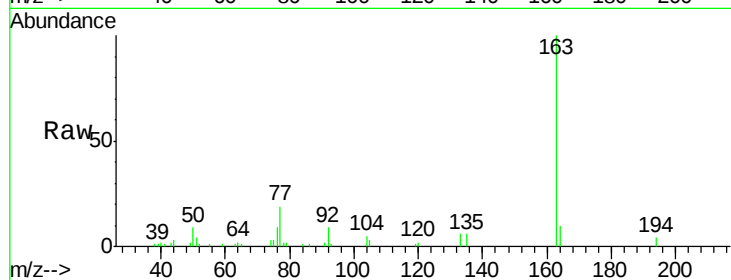
Tgt Ion:163 Resp: 27796

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

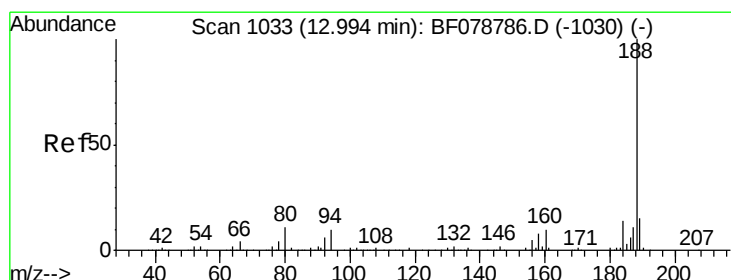
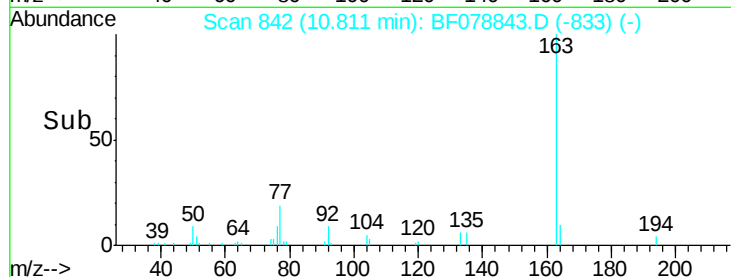
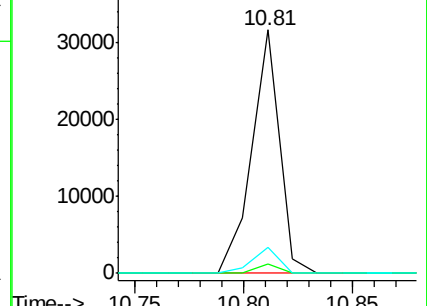
164 10.4 8.1 12.1



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: 12.98 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF078843.D

Acq: 30 Apr 2015 7:33

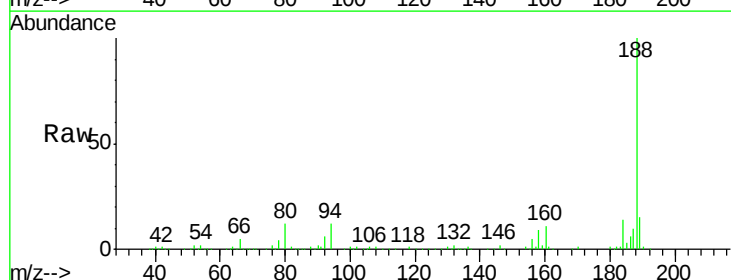
Tgt Ion:188 Resp: 293890

Ion Ratio Lower Upper

188 100

94 11.6 8.2 12.2

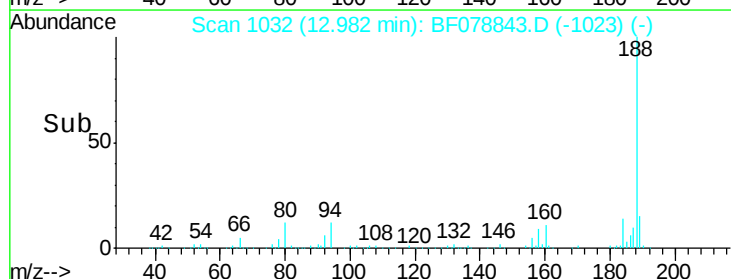
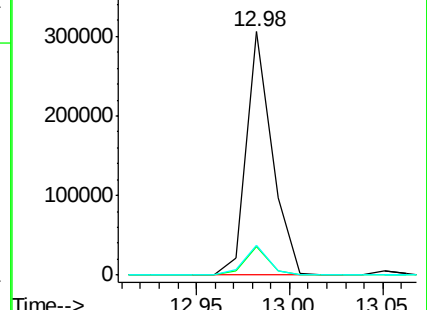
80 12.5 8.9 13.3

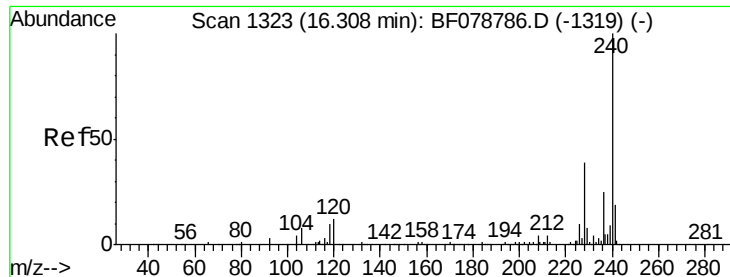


Abundance Ion 188.00 (187.70 to 188.70): E

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. 0.00 min

Lab File: BF078843.D

Acq: 30 Apr 2015 7:33

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PS-25-2-5

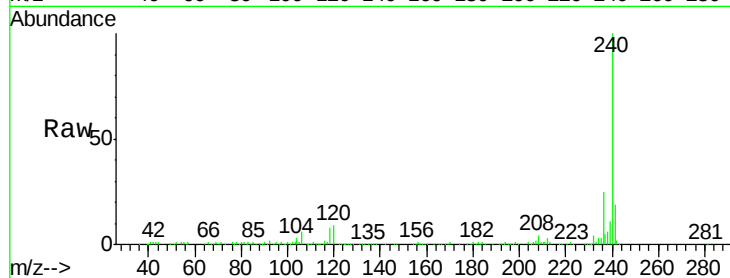
Tgt Ion:240 Resp: 311894

Ion Ratio Lower Upper

240 100

120 9.3 9.7 14.5#

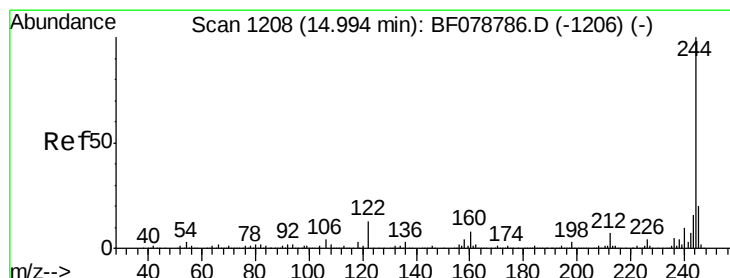
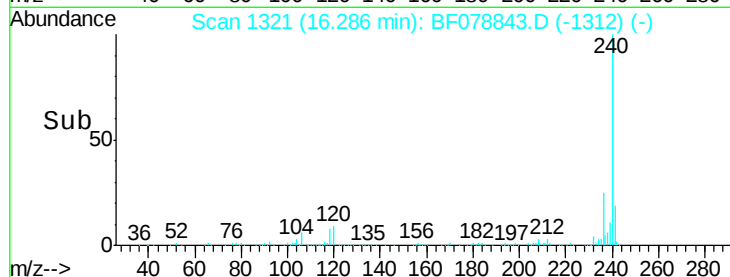
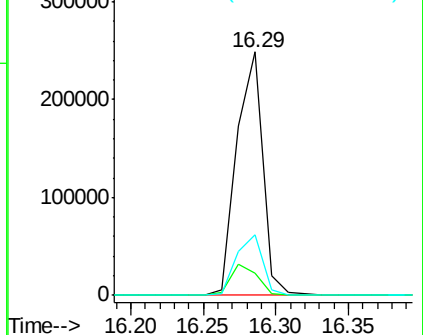
236 24.9 20.2 30.4



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: 97.22 ng

RT: 14.98 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF078843.D

Acq: 30 Apr 2015 7:33

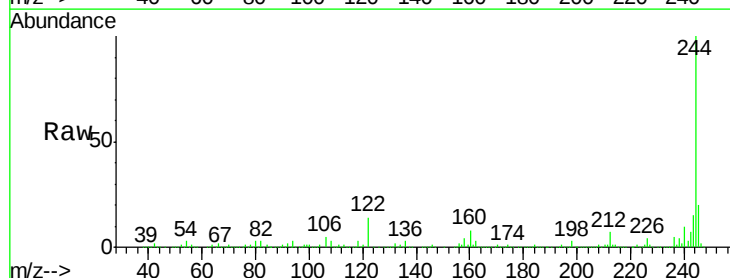
Tgt Ion:244 Resp: 1273273

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

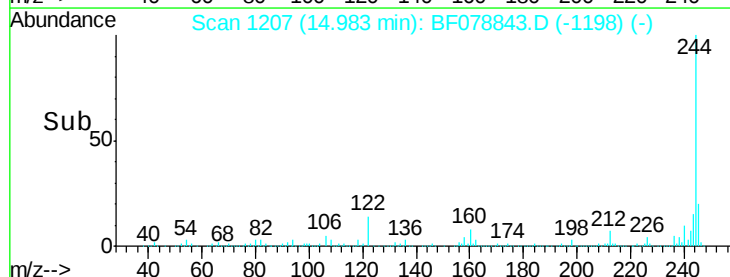
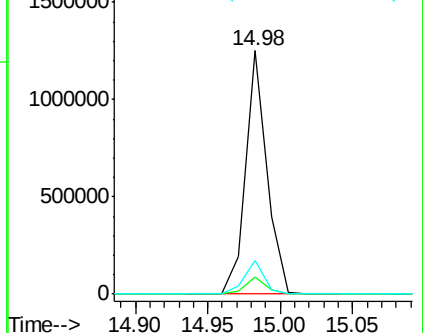
122 14.1 10.3 15.5

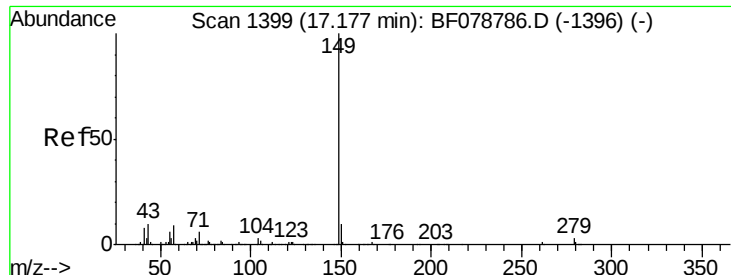


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Di-n-octyl phthalate

Concen: 6.98 ng

RT: 17.12 min Scan# 1394

Delta R.T. 0.01 min

Lab File: BF078843.D

Acq: 30 Apr 2015 7:33

Instrument :

BNA_F

ClientSampleId :

PS-25-2-5

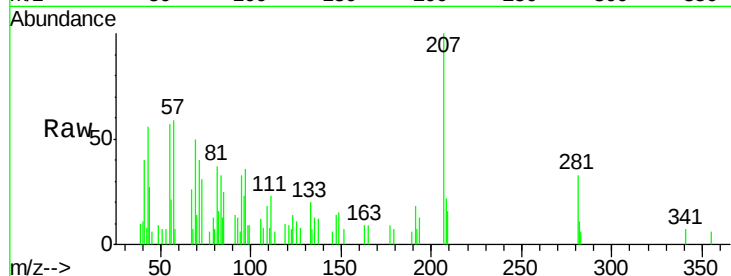
Tgt Ion:149 Resp: 786

Ion Ratio Lower Upper

149 100

167 0.0 0.0 0.0

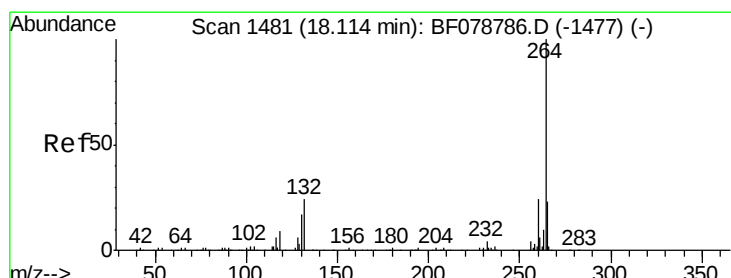
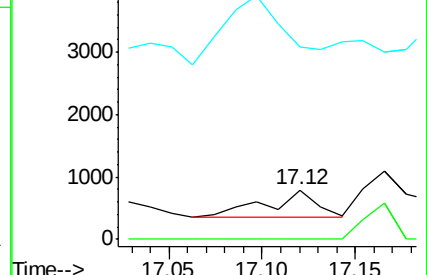
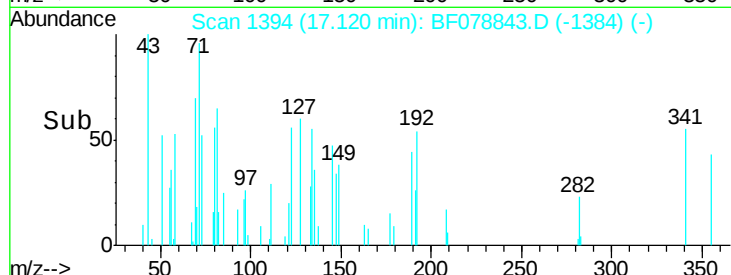
43 0.0 0.0 0.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#86

Perylene-d12

Concen: 20.00 ng

RT: 18.03 min Scan# 1474

Delta R.T. 0.02 min

Lab File: BF078843.D

Acq: 30 Apr 2015 7:33

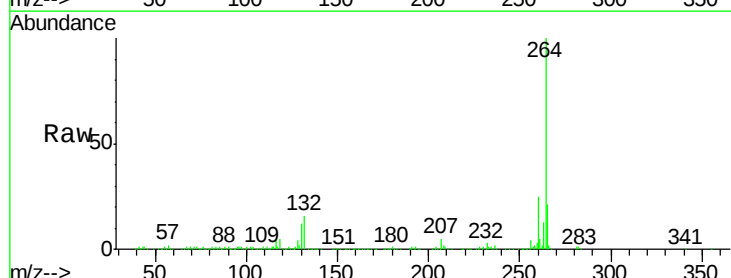
Tgt Ion:264 Resp: 336068

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.2

265 21.4 18.3 27.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

